

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2238
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 gacaaattct tactttatct gaatttagaa gtccttaaaa tttcattcaa attcaatttg 120
 tagggcattg aattagtggc atttttctct gataggtttt ctgtatctta tgagaaattt 180
 tactatacaa tcctcgtatg ttcataggga gaactgatct gctttcacta aatccagagt 240
 atgccagaag atctgaccat aagatactta atttctggta aaattgaaag tttttttgtt 300

<210> 2239
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2239
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 atgggtgaag cataaggatt tattgaatga agtatgaagt gtgggttttta tttgaagtca 120
 aatatttggc agttgggtgt catittattct ataaactttc aaaacagatg acaagtttta 180
 aggaaatggg gcctaatacc aaatttgggt gaattaatga attccaagat tctttctagc 240
 tttttctttt taaagacagg gtctcactct gttgcccagg ctggagtcca atgggtgcaat 300

<210> 2240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2240
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 tgatttccat ccaaggtaaa attctagaat ggattattaa aaggatctta accaaataga 120
 cttggaaaca taatcagggc atgtgcacgg tcctgtcttg gagtaaagaa aactatttgt 180
 acagaagagt agagacctaa ttttagcattt tccggcaatt tgacattgct ctagaagttt 240
 atgagagaga aatgcagatt atgaaattat taaaaaatat acctcagagg agcaggggaat 300

<210> 2241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2241
 gccaggcca ggcccagcag agactggagc agaccagctc gtccctggca gctgcactga 60
 gagccgcaga gaagagcatt ggcaccaagg agcaagaggg cccccccagc gcctccacca 120
 agcacattct ggatgacatc agcaccatgt tcgacgccct ggctgaccag ctggacgcca 180
 tgctggactg agccctccag cagtgcccac tgtgacctgc cgaagtccac tgcctttgcc 240
 ccagcacaga agaggccct gccaccctag ggacggggcca agggctgggtc aggtgaagt 300

<210> 2242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2242
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 ggctggctct gaactcctgg ccctaataga tctgtctatc tcaatcacc aaagtgttgg 120
 gattacagat atgagccact gtgcttggcc tatttctgac tttttttctt tttgtatata 180

agaatatata tttcgagaca aattgtggat tataaatgga tgcttattta tctcgactgc 240
 ctttcagacc tttttcccc agccaaccag tttttttctt ctcaaagaag acacagggtga 300

<210> 2243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2243
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 gtattgtaca gatgtatctt gaagattata atcttggttg attattgcct attctcactt 120
 taggaataga tgggtgatagc ttatgacttg tgttgataa cgaggtagaa atattgctgt 180
 cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata aaccatctaa 240
 tgcagtgaac agtgatcagc aaattaataa attagacctc tattcatgct taaattatca 300

<210> 2244
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2244
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 caaatacaaa tatctttcca gttagtgcct tcctcaaat tgaacttctg gctgcaagga 120
 aagctaggaa tgattatggg tttgttagta aggaaaatta tcaaaatgga tattagggtg 180
 gctactagca gtcttggcct catgctttca gtaaatagtg tgcacttcag atcatgtggc 240
 attggagaaa ggaagaacat gttaataata taacatgggtt aggtcatgga gtcttgatta 300

<210> 2245
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2245
 gtgaaaggag atgaggaaca gtaagagatg aggtcagaaa atgtgtttta ccaaactctt 60
 tggagattag cgtctgggga ataaagaatg agctggagggt cttaaagtgc tctgactggg 120
 gacaaaaaca gtggttgaga acatgatggg atttttccac atgggttgta ggaaagtgc 180
 tatatttgag actgtgaatg tcagcaaagc tgaggaacag gaggtcttcc atggagtaca 240
 cagtgccta gagcatcgtc ctttgaaacc cgtttccttt tatatccgtc catagaggcc 300

<210> 2246
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2246
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 aacagtgatt cagtatatct gaattatgga ttatatggcc atagaactac aagcaaaaag 120
 gatacacaaa caaattttgt agttaagaca aatctgttgc actaagatca agaaatgtaa 180
 tagatggagg ccatgtagag gttagaaatt caaagaaatc gaggtcaaaa actggccaat 240
 cataacggca tagggattag ttctaaatt tggtcacttg agaataacag tgtgaataga 300

<210> 2247
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2247

gggtgcttct	gtatatcctg	acaacagtgg	ccagccatta	aagagttttg	agtaggggaa	60
ctggatttgt	ggtttttagaa	agatcatttg	gcttctgtgt	gaaagaggcc	aaaaccagga	120
gcagaaagac	cagttaggaa	gctgtgacag	cagttgagag	acgatgttgt	caaagtctgc	180
agcagaacag	aacaggggtg	acccacatg	gacatcatct	ctgctcttca	gtcacctgta	240
gtgcagagtt	ttgaagtagg	tctgagcatg	gaaccgtagt	ggttgggaag	gaaatgccat	300

<210> 2248

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2248

gaaatccctc	tcctgaccac	ttgtcagaat	cagaaagtga	ggaagaagaa	aatattagtt	60
acctaaatga	gagttctggg	gaagagtggg	attcctctga	agaagaggac	tctatggtgc	120
ccaacttata	gcctcttgag	agtcttgctt	ggcagggtta	gtgcctttta	aaatattcca	180
caacttgga	accttttaaat	cctaattcct	ggatgtatca	tgctaaactg	ttggatccaa	240
gcacaccagt	ccatatactt	cgagagatag	gtctaagact	ctccatttgt	tccatttgtg	300

<210> 2249

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2249

aaaaccagta	ctcagaatga	gaaagagaag	gagaaagcaa	atatagtaaa	aatggacatt	60
tggaatatct	gggtgaaagg	ttcttgtatc	ttttctgtaa	gtctaaaatt	atgccaaagt	120
aagtaaaaaac	aaaacaccta	ttttcttttt	acagttcttc	ctatttttca	tggtttctctg	180
aaaaggcaga	gactagaaga	aacttggtta	gctatctcat	tctgtctcatt	taggggtctct	240
acttttaaaa	ttaagatggt	aaaaggaaa	cattttaccc	ataagtaaaa	gaatgcttcc	300

<210> 2250

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2250

acttgatttg	gtaatgaaag	acaaatagct	ttcataacat	gaacatacaa	aaatagatgc	60
tttgctgttg	ttcagttttc	tcaagactta	ctgttttaag	cttgtaaaat	taatgaacag	120
taaaatagca	gaaaatagtg	atacattgga	tgattttaat	agttttatta	gtgagatatt	180
tgaggatatt	gaattactac	aattctttcc	aatcctacaa	gttaaaaatt	ttgttatggt	240
tgctgacttt	taaatgctgt	ttattctctg	aaggcagttt	tatgatgcat	ttagaaaaaa	300

<210> 2251

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2251

gttaggtgta	gctctaactg	ggagtcccat	ttaggccag	ttttggcagg	aatactttgt	60
aggtgatgcc	gtgtacatcc	cactgtattg	ccttgaaggc	acaggtatga	gaaggcacag	120
gtgtccggtc	attccacttt	cagcctgtga	ttgaccagt	ggggcagggc	tgtgtgagtc	180
tccactttat	agcgeccatc	agactccctt	ctcatggttg	tagcatccat	tgctcatagt	240
tgctagagcc	atgatttcat	taaaggttgt	caagtgatga	ctgtctaatt	tccattttatt	300

<210> 2252

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2252
 atagtaaatt agtcatagaa aggcaaactc aaataacttt gaacacagct ctttgactat 60
 ccacctgtgt gtaaacaaac aaaactacaa agaaattttg tacttcactt agttggtagt 120
 gatctggtat agcaattctg aaaatatttt ctgtgtattg taggattaaa caaataagta 180
 aatataatga tattcttggg agctgggatc ctactatga gagaagaaag ataaaaatat 240
 ggagtgaagg aaggcaaaga agagctccat gaattggaat gagagattcc acagattact 300

<210> 2253
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 2253
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 agcacctggc ctggctgaag caggctgtgc tcgggttcca gcttccgcag atggaccttc 120
 caccctctgg ggccccctgg ctccccgtgt gctccatggt tgtccagtac gcctcccaga 180
 tccccagctc acgccagaca cagcctgtcc tccagtcca ggtggagAAC ctgctccaca 240
 gaacctactg tangtggag ancaagagtc ccttccagtc catggggnaa agccct 296

<210> 2254
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2254
 agattaaatt gaatatgtat aatctttgtt aggcaactga tgactatact tatttcacaa 60
 ctggtaatgt gaattattat tgcataaact atagtgtcga ggccccagtc ttacacttc 120
 catttaataa cttcacagtt tcatatcttc ttgagatact tactaatttc aagtccatc 180
 ttggtcacaa ggagttgtga attagagAAC aattaatat accagttaaa gaagtttagat 240
 tagaaatctg aaccatccta aacataagaa gtacctgcac cttcagagtc ttatcccaaa 300

<210> 2255
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2255
 gatcacacca ctccactcca gcttgggcaa cgaagtgaga ccttgtgtca aaagaaaaga 60
 aaaagagaaa agaaaagaaa tctgaaggtc tgacaacctt tgggtcccat cctcctatga 120
 cttggacctc agtcagagct gccctcttgt aacaggggtg ggccctctc tttcactgta 180
 gtctgttcca ttccctgcag cctccttgat acgaagatgc agtgacaggc caggcactgt 240
 ggctcatgoc tgtaatccca aggaggccga ggaggggcaga ttgcctgagt tcacgagttc 300

<210> 2256
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2256

attgtctctg	ttttaatggt	aatttgtcta	attgtaaaaa	taccgaagta	gtgattccaa	60
gtagaaaagt	agtgatccct	aagaacagtt	ggagaaacat	atggtttggt	ctatagctgt	120
aagcggtaat	tttgaagcaa	ttttgaaagc	attctttccc	tttaagaaaa	aaatagtttc	180
ttactgaaat	gacttttttag	gatgtcttga	aaaacgtagt	gaaattcatc	tagaaactta	240
caaggttgat	gctagccatc	acatgcatgc	tgcaatttgc	tgaaatgtct	tgatccaggg	300

<210> 2257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2257

ctgaattcca	acctgggtga	cagagtgagg	ccctgtctca	aaaagagaac	tctcgatgtc	60
actggctttc	catgtaagca	gagcacatca	tgtgagcccc	attcgtggat	gtcagtcagc	120
agaacagaaat	cttggacctg	gagcttggtt	gtcctgtgct	agaggttggg	ggtgtctctg	180
tctttctgtt	ggttcctgtc	agttcaggtc	acttagagat	tctgttacat	acaccagctc	240
tgacaggttg	ggggagatga	tcaaccttcc	gcctgcgcct	gttcccttcc	ctgactcatg	300

<210> 2258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2258

gatagctcaa	gatttttttt	tggtttat	tggtttttta	aagtaagctt	gtgccggttg	60
gggaagagga	agtgaagttc	ctttttgatg	gtgttgagtt	tgagatgtcc	agtaggcagt	120
tagaaatctg	ggagggccgt	tgagctcatt	agtctagttt	tgggaaacgt	gtgtgggtaa	180
ggtaggggtt	gaggatatca	cccaggggtg	caccagcctt	tcaggggcag	aagggaaacc	240
caccaaggcg	actgaggagt	gagcggatag	tttcaatttc	aaggaggggg	aaagaggagc	300

<210> 2259

<211> 239

<212> DNA

<213> Homo sapiens

<400> 2259

ctttcatggt	atgtccatag	gtgtaaaatg	atggccttaa	tgcttataat	aataaggtag	60
gtttttgtat	gtctaataata	cagagaaatt	tccaaagact	ttttaatctt	tgcttagcat	120
aaggagttta	gtcagtaact	attacaagga	aaaaatgac	agttttcatt	tgtcagttct	180
ataagcccca	ggcaagtttc	tttcgggttt	gactttctat	taattaacca	tatcctaag	239

<210> 2260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2260

acacattctt	ccatttgtca	gtaagagtaa	taatttgact	gttttattgg	attttagcct	60
ttttgatttc	atatagctgt	atcttaatat	atcattgttt	ttaatatgtc	tacattgaat	120
acttattact	tgtgcaatga	aaaataataa	ttaaagatga	aagttaagcc	tgttaccact	180
ttcagagaac	aacgtgacgt	tttggaattt	aaaatttttt	cagtagattt	gagaaaaact	240
tgggttaaaa	tgaagattta	tgctcagaac	tgagattcca	gggtttaagt	ctgggtttta	300

<210> 2261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2261

atgcctagtg	gtctctgagt	gtaagattct	tgaacctgct	gatttgcatt	tcacctgtag	60
ttctacagta	aaaaatgatt	ttatataact	tttgggtatat	aagtctcaaa	aagtgtgagt	120
cagaagagat	gaaacattat	atttaaaatt	tcatatcaaa	gcttctaata	caacgttgct	180
agagccatgg	cttggaaata	aatcaggaaa	aaaccctcaa	atacagaatc	agttgtgtta	240
atgcactaga	acttgccttc	tgctttaaag	ccataattaa	tcatttaaata	gctggataaa	300

<210> 2262

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2262

gagcagcagc	tgcacgcccc	ggctgcggag	cacctggagg	cacaggcccc	gaactcccag	60
ctgtggcggg	cgcacgaggc	gctgcgaacg	cagctggagg	gggcgcagga	gcagatccgc	120
aggctggaga	gcgaagcacg	aggccgccag	gagcaaacc	aacgagacgt	ggtcgccgtc	180
tccaggaaca	tgcagaaaga	gaaagtcagc	ctgctacggc	aactggagct	gctcagggag	240
ctgaatacac	ggctgcggga	tgacagggac	gcctgcgagg	ccaggcgggc	gggcagcagc	300

<210> 2263

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2263

acttttacag	cagaatttaa	gagcccacct	tccagagcct	gatgcagctt	gtctgtctga	60
tgcttttggt	ccccatccac	gtcccccca	gtgctgaagc	tgtttcgtgt	gtccttacag	120
tgtttcctct	gcacttccac	ttgtggttga	taagtggcag	ggggacaata	aatagagttg	180
atgaaagatg	ggcttgggca	gcagtggggc	caagtgaggc	agaaatgaga	aaaggactcc	240
tggggcagag	gtggagtgc	aaagccttga	gcacgagggg	gtgaaatgtg	aacttggtgc	300

<210> 2264

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2264

gttacctggg	gggcgcgtgg	gacgtcaaca	gccagatgct	gacgggtgctc	agagccttcc	60
cttgtcggag	ccggctcggg	gacgcagaga	ctgcagctgc	catcgaagag	gagatctacc	120
agagcctggt	cctgcggggc	ctgtccctgg	tgggctggta	ccacagccac	ccacacagcc	180
cggcgtgcc	atctctgcag	gacatcgacg	cacagatgga	ctaccagctg	cggctgcagg	240
gctccagcaa	tggttccag	cctgcctcg	cctgctctg	ctccccttac	tattctggca	300

<210> 2265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2265

ccagaaagtg	cctttacatt	tttgtcttgg	aacaactctg	caatttcac	ttgatttaaat	60
atctctagta	ataaagcatc	ttccgactcc	acattcttat	ctctgggcag	acattttatt	120
cttaagaatt	gtagtgttg	ataagaagct	aatggagat	gattaacgtg	tcaatgatta	180
ataattataa	caacattcaa	acacttagaa	attatagtat	ttcatcagat	gtcttttttaa	240

agaggcattt ctggccagtt gtggtggctg acctttggga ggctgagacg gctggatcac 300

<210> 2266
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2266
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tagtttatgg cagggaagat ctgggaagta agcaaaaaga gccttttagtt aggcaacata 120
gaacaaaata gaggtcacag gttccatgca ctgaagaatg gaattgaaat agagactcca 180
gggtcataga ctcttggaag gaagactaga gtacattcat gacctcacc cttaattact 240
tcacaggtga gaaaaccaag agctacagaa aataagttat tcctcagctc cagggctacc 300

<210> 2267
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2267
gagaaactgc attttggggg ggtttgaaat ccaaagaatg cagttttagt gcagtcgaga 60
tccttgaaaa atcaagatgg attttaataa tgtattaaga ataaattgga tttgaatcaa 120
cacaggaaac agggatttta cttagagact atttcagtaa ttttgaaatc attgcccaag 180
attgtagttg gtttgtttat aatgggtagg ttattttatt gtgaatccca aatgtactcc 240
atcaacattc cattgaataa tttaaaaaag caaacagcag gggtttatgt tttctcttct 300

<210> 2268
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2268
atcacgccca gctaattttt tgtatttttt agtagagatg ggatttcacc gtggtggcca 60
ggatggtctt gatctcctga tcttgogato caccgcctt ggcttcccag agtgctggga 120
ttacaggcat gagccaccac acctggccac agaagggatc atttctaaat agcatagaat 180
cacaggagat acacctcatg tgacttcacg tttagagtca gcatttgctc ataatgaatt 240
acatatcagt aaatgaacat gacatgcttc aacttcaata atattaaaca aaactctttc 300

<210> 2269
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2269
cccaggaggt ggggaggata aggcgctgtc atggaggacg ccgccgcgcc ggggcggacc 60
gaggggggtc ttgaaaggca aggagcgccg ccagctgcag gccagggagg agccctggtg 120
gagctcacc cgaaccccg ggcctggcc ctggtgagcc cctaccacac ccaccgggcc 180
ggggaccct tagacctcgt ggcgctcgca gagcaggtgc agaaggctga tgaattcatc 240
cgagcaaatg ccaccaacaa gctgacagtc atagctgagc aaatccaaca tttgcaagaa 300

<210> 2270
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2270

ctcaatcaaa	caaaagctca	aagtttttgt	tttgataaga	aaataaaaat	tttgtgggct	60
cttacatagt	gggtactttg	attatgtgtg	ataatactgt	gctgtgacaa	ataatataat	120
gaagaaatta	ataccaagat	tgctattctg	aaagattaaa	cattctttta	tacttagatc	180
tttcatctgt	ttatgtaaca	aaccctaaca	tacaggctta	atgccttgca	gatattaact	240
tctttaactt	aatcttttga	acagtcccat	gaagtaggta	ctattattat	tacattttcc	300

<210> 2271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2271

gttttcctca	ggcacaatga	gccactgcag	gcttttgagg	agaagagtga	caagctgaga	60
gctgtgtttt	aggacagcta	tcctagagct	atgtgtgggc	agagagtagc	aagcagggtta	120
gttaggaggg	tagggtaaaa	aggcagacag	gggacacatt	tgtcatatgc	cctagtggag	180
cacagaatca	gggaacagga	ggtctgcagg	tttcaggaca	ggccagttca	gggagaaaag	240
ggactagccg	tgattatcag	gtcactgggtg	atattattat	cacttccttg	aagtattaaa	300

<210> 2272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2272

atattatatt	aattttatat	aatagcatgt	actgctttac	acatttttat	aataagtcac	60
cacagtatta	cactataact	acgttataag	tgcaatagat	atgggtacaa	taaataaaaa	120
tagttgagga	gaaaaaacct	ttagaccatt	cattataacg	tgccagactg	ataaggggaa	180
aaccccccat	gtcacatgag	agaaataaaa	ccactgccca	tttctctgtg	cctgggtaac	240
tgagttgatt	gtattcacca	gaaggttctt	gttctgcctt	ttagacctgc	ctgggtcatt	300

<210> 2273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2273

gacaaacagt	ggcaaaacaa	cactggctaa	gaatttgcag	aaacacctcc	caaattgcag	60
tgtcatatct	caggatgatt	tcttcaagcc	agagtctgag	atagagacag	ataaaaatgg	120
atttttgcag	tacgatgtgc	ttgaagcact	taacatggaa	aaaatgatgt	cagccatttc	180
ctgctggatg	gaaagcgcaa	gacactctgt	ggtatcaaca	gaccaggaaa	gtgctgagga	240
aattcccatt	ttaatcatcg	aaggttttct	tctttttaat	tataagcccc	ttgacactat	300

<210> 2274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2274

ctgctaaaag	gcggatagat	gttcagttcc	tccatgaaat	gagatttagt	tcccatgtaa	60
tggcattttc	cataataact	gctgatatca	tcaaggtaaa	gagagctgct	tctcctaact	120
acccatgaaa	gaatttagct	ttttatattt	ctacctctcc	catatagttt	aatctctccc	180
cactgcgagt	atgactgact	ccaaggattt	gaagtctgtg	ctctaattgg	gaattcaatg	240
aacaagactt	cagtgaatga	acttttttag	ccatattata	taaaatgaaa	aaggatctgc	300

<210> 2275

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2275

gccacctagc	ttatTTTTatt	tgtattttaag	tgaatataacc	aaacattttat	atgagcaaac	60
caagttttac	ataacatgct	tttggtatgt	attatgactt	tttacatttc	tacttggatt	120
tcctcttcag	atctcagttt	ccacaaatct	gcacccaggt	tcagggcctc	tgattctgca	180
caaatacatat	gagccaagt	gattgattac	tagacagatc	agatccttcc	ccagctaata	240
actctgcctt	ctgattccag	tcctcaaaat	aaattgcagc	ctgccatttt	ctttatgttt	300

<210> 2276

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2276

ctacgacccc	atcaatttgg	cctataactt	gaaagagaat	tctatcctgc	tagctaaagt	60
tgctcggagt	gaccagtga	attgttccac	agcatgtata	ttataaaaaca	aatattaggc	120
agatagctta	taatgacttt	ttaatatTTa	tttattcatt	tattttataa	taagcagaca	180
ttgggacaag	aaacttctga	aaatatTTat	agttctctga	aagaagggtg	cttcccttcc	240
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<210> 2277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2277

tgtgaattag	cttcttctc	cgccccccc	tgttttctca	cttcttattt	cccaagagta	60
cttcccccaa	caaccttctg	catgcgattc	tccatttccag	tctgtttcca	agagaatcca	120
tcccttctc	aagaactgtg	ccctaacatg	gagtccattc	caaagtcagt	accagtgata	180
attgagcaat	gggatgatag	aatgtagatg	aggcagttag	tggttccagc	aaacccaaaaa	240
gatggcaagg	cagtgaagaga	ccagcagtg	aggaaacagc	cagctatatt	cattgaaaaa	300

<210> 2278

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2278

ctctactaca	tttttaggtt	ttatttcatt	tttatttatg	tctagtTTTT	tgggacagga	60
ccattcattg	gctgtTTTT	aagtatgatg	ttgtaaagt	cagttagaat	aaaaagaaca	120
gaaaaaaata	aagtaggggt	tggaggaaga	tgggatgcac	atgaaaagat	aatggcagca	180
gtagagggtga	gggaaggagt	ggatatgggg	gaatgatttt	ataaagggtca	tgaaactaga	240
atctgagtga	gggaaaagct	ttaaaatatc	tgtgtctctt	ttctagaggg	tggataccct	300

<210> 2279

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2279

cacaagcctc	tttccatttg	accatttctt	gttcttcatg	aaggactgag	gatattgttt	60
gtgcacagtt	ctgaaataag	gagaaaatag	tactcacaat	ctagttaggg	aggcaagact	120
aacaagtga	ctttaccgtc	agtaatatgt	agtctgagtc	tgtgccatac	atatttggat	180
aatagggtgaa	tggtggggta	cggaggatgg	acaacagtct	gctggaactg	gagcagagtg	240

ccccagcctc cacagtttgt cattttgggc cagacagtta tctgttgagg gaactcctcc 300

<210> 2280
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2280
 aacaagattc tgataatggg ttgtgtgaga tttgatcata gtctaaaact atcacgtctg 60
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 gtcagtcacg cgtaggggat gtgaggagac gcgtagggat ggtgaggagg ggagaggagg 180
 gagacctgct ggtgcccttg caccaggggt aggcctgact cacgctgctt cccccacag 240
 gccctgcttt gcttgccctgc tttttccaga atcgattttg caagcttcaa gattctgttc 300

<210> 2281
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2281
 aagaggagaa gctgaatcag ttggagtcct ctctttggga agaggcctca gatgaggggca 60
 ctctgggagg atccccacc aagaaggcag taaccttoga cctcagtgc atggacagcc 120
 tgagcagaga aagttctgaa tctttttccc cgcctcacct cgactcaacc ccgagtctca 180
 cctcccgcaa gatccacggg cttagccact ccctccggca gatcagcagc cagctgagca 240
 gtgtcctcag catcctggac agcctcaacc ctcagtcgcc gtcgctcgct cctcgccctc 300

<210> 2282
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2282
 atgatttgat tgtaaattat ctcatggtec ctgtttgcaa accaccctct taagagagaa 60
 cattgttttg gacctaaagc ttgaagaacg gtttatgtat ttttctcctt aagtagcatt 120
 gcattgagtg ttaggttctt ttcccttttt ttcatctctg gtcttcccaa agcttcttcc 180
 cacatttcgt ttgtgtctgt ttccaccatt catagaaacc ttggaaccac tctcacagca 240
 atgctaggat gtttcatgga cctgttaagc attttgatga tacaagacat cctatcaatg 300

<210> 2283
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2283
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 ttctgcctgc caaacaatt atattctgaa gatgcctgtt ttgtaaccct tgatgtgaat 120
 tttttgggtg ctgaaattta caaaagaatg aaattgaaat tgtaaaacac taaatgcttt 180
 gggtttattt tgaagtaatc tgttacttta aaatgtcaac attaggaagc cataaaacaa 240
 gatattatga aaccagtat tataaatgtt atctacatct aaagtatttt aaaataactt 300

<210> 2284
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2284

caaaaataat	agaaaaaaaa	acagaatttc	cacaaaacccc	cacctaattt	atctgcctcc	60
tgccatcagt	gccaatatac	tgtgtcttcc	ttctgtggat	acattattta	ggccactatt	120
cagggccaac	ccctccacct	gcctactaga	ggccatcacc	acttgtttat	tcaagggcac	180
agctccaggt	agtttttcct	ctcttgggga	tcctcagttt	ccttctgtct	accaggtcat	240
tcccattagc	atgtttttgc	cgtttttctt	aagagataat	atctcaaccc	taattcctcc	300

<210> 2285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2285

ggaacatgca	aagcagtagc	cctctgagga	gcagagttaa	ggctagtaca	gaaaagactt	60
ttcctcccaa	aacacettca	gtgtttggag	aggctattat	gtcaataagt	aaagaacatg	120
ctactgtgaa	aaaggtacag	gaacaaaaaa	gagttgccaa	aaataaaaaa	tattattgta	180
aggtaaaaaa	tttcataaat	gggcctaata	gtgggatgga	tataactgaa	aactaagatg	240
gtgatgagga	agacagtcaa	gaataaatat	accaaagtag	caaagaaata	cctgtgcaag	300

<210> 2286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2286

cctaggcgta	gtcattttct	tattagtcc	tactttat	ttcaaagtta	cgtaataaat	60
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gtttggttta	ttcaaatttg	tttataaatc	tctcctttgt	acccctggct	accaccctc	180
cccactcctc	tgctaaaaac	taagggaata	tctgtctttt	gcccatagct	tcagaatgtt	240
ctgcaatttt	agacttttac	ttttaactga	tcactgttaa	gcaaggagg	aaatttacca	300

<210> 2287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2287

ggaaaagtaa	agagatcaaa	atgattttat	atgtattttt	tttgtactca	gagaattaca	60
ttttcactac	ccccgcctgt	ctcagggaat	agcctttgat	aagaatccca	tggagatctc	120
tggaaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	180
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	240
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	300

<210> 2288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2288

acagggtgaa	tgcatgtgac	ggtgtccaag	acgcacagca	gattttcatt	cacaaaaaaa	60
tctgaccaca	agagctaaac	ggaaatacct	tcgctgtgcc	ttcccaagtc	acagagcaaa	120
cacctcagtt	cccaggggtc	cgcacagttt	ctggtggagg	cggtgactgt	gagcgtgacc	180
agctgggcta	attcgtcctg	acatttagtt	gggacagcta	tagtttccta	cctctatgac	240
cagagagtga	agcgtttcac	tgaagaactg	tggccggcgt	ctccaggaaa	ggaaggagcc	300

<210> 2289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2289

tctccatgtg	tgtcgtgttt	tgtgctttct	tgcggcagga	gccttttgct	ttgtttatct	60
gatgcttccc	ttttttgggt	ttccccgggc	tttccagctc	ttggagcacc	cttttgtcag	120
cagatgtact	tttgtttcca	gtttttaaat	tctaattaca	gtgtaactca	actaaaatca	180
tggaaactggg	gaacataaaa	caaatcatta	gggtaatgga	ggcatagaag	aaagtgaaag	240
gaatccagtc	cacctctttg	ctgtactagg	tatggatatg	cctcagctgt	gagtgagggc	300

<210> 2290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2290

gaatcaaaac	caagtaccag	aattatgtgt	tccttaagga	aaattgagga	actgtgaaaa	60
atagaaaagt	agggtaataca	ttcttaaatct	aattacctaa	gcatagatac	tggttaatatc	120
ttggatatatg	ttttttctgg	tctttgtttt	agtctgcatg	gattgtttta	acatcctttt	180
atttgccttc	tgaatgctgt	tttatgggtt	atattttcca	tgtttttata	tttttactta	240
ccatgtaata	tatatTTTTT	catattacct	agtatttgaa	atggtaaagt	gctttataat	300

<210> 2291

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2291

caaagccata	tactggtgaa	tatatactgg	gtcaagcacc	acatgttagt	tttggaaagt	60
gtattttcca	gcgaatagaa	tttactgctc	caaaaagctt	ttttggcata	aatcacaata	120
cttacagaaa	tataattgta	tcattgaaaa	aaacaaagct	caccttccta	atgatacatt	180
tcacaaactg	cacattaggg	caattttotta	cttatgagga	ggtacaaaga	aatactctgt	240
caatatagta	taactgctta	tttcaaattg	tatctaggaa	tgaataacta	ctattattta	300

<210> 2292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2292

atgcgcttat	taggtatttt	atctttcaaa	aatatatgta	cccaactgtg	tttgtttgtt	60
tcttgactgt	gaacactgaa	gaggactaga	tcaaaaatga	ccaattgagt	agcaattgaa	120
catttacagt	gctgtgtgca	gtgaacttct	gtagcaccca	aattgtggtg	ttgggaaaaa	180
ccattccacc	ttaaaagaaa	ccaagccttt	ctggcaaaat	tgctgattct	aggttttggg	240
caagaaatgt	acatgctgag	ctggaacatt	gtcataacag	ttagtaagga	ggctgttaaa	300

<210> 2293

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2293

gaatcacagg	gcaaagaacc	cacatccatg	gctcagtaga	acctgagcta	ttacacccaa	60
gatccaaaca	ggaaagaaag	ggaccagaga	aaggaaaggg	tccagagcct	gaagggaaag	120
agatgtagaa	tcagagaact	cgagaggaa	agtatgcttc	atttgagaca	cagccagaga	180
tgagttcaca	ggaaggatgc	tgggtgtaca	tccttaggcc	ttaccacact	acctatttca	240

gtctttctctt aggggtcccc atatgctgaa cccagcctga agctaaagga cttaagagcc 300

<210> 2294
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2294
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ctcccgccgg tgcccgctca gaagttctcg gcgctcacgt ttttgagagt ggatcaagat 120
aaagacaagg attgtagctt ggactgtgcg ggctcgcccc agaaacctct ctgcgcatct 180
gacggaagga ccttcctttc ccgttggtgaa tttcaacgtg ccaagtgcaa agatccccag 240
ctagagattg catatcgagg aaactgcaaa gacgtgtcca ggtgtgtggc cgaaaggaag 300

<210> 2295
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2295
ctgaatggca taatcttatt aatgagatgt tttgtttctc gtttagcatt tgaatattta 60
gattcatata tcaaaaatgc atgattctgg cactaaatca gaatatttgc atatcttacc 120
atttacagtg ggttttttaa tttgttttta tgtcatatca ctaatttgta gcaagtagat 180
tttctgggtg tgtaactgtt gctaatagata gtaaagtgtt catagactag ctgaaacaca 240
gagtagcttt ttcacctga atgttgaact atgaaatatt attttgagtt ttaattatag 300

<210> 2296
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2296
gtcttcactc tgcgacaaca agcttcttga aggcaaagac catattttaa gtatcttttg 60
tgtcctagat gcactgagta aaattccagg gatgccgttg atcataaatt tggtataatt 120
tttaaaaata gacttttaaa ttttagattta cagaaacatt gcaaagatac tgcagagttc 180
ctgcctatcc tacactgttt cccatattat taacgtctta catccctgtg atcatttgtc 240
tgtattaata aaccagtatt gatacattat cacagagacc atactttatc aggtttccac 300

<210> 2297
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2297
cggcgcctgg gctgctcgtc tggctgctcg tgctccggct gccctggcgg gtgcggggcc 60
agctggaccc cagcactggc cggcggttct cggagcacia actctgcgcg gacgacgaat 120
gcagcatgtt aatgtaccgc ggtgaggctc ttgaagattt cacaggcccg gattgtcgtt 180
ttgtgaattt taaaaaaggat gatcctgtat atgtttacta taaactggca agaggatggc 240
ctgaagtgtt ggctggaagt aaatgagatg ccacctgtgg tcccaactga caaagattaa 300

<210> 2298
<211> 300
<212> DNA
<213> Homo sapiens

<400> 2298

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actttgcatt tgctcgtttt gttcaacttt tccttccctc tctgcctgcc aaagaaactg      60
taataactgt aataattttt atgactttct cttcaatgac agttatcttc ctttacccta      120
attccttccc tcctcatcct tcaaatcccc ttctcatca ttcaaagtct aactcaagct      180
agcctttcct ccttattttc cccttatctt tccaatccgt atggagattt ctcacctttc      240
ctgatagagg ttgcgccaga atggtgagga ttaaatgtga attgctttct aatagactgc      300

```

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<210> 2299
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2299
gaccagtgat gtcacaggag gtaggaactt tatgtgaagt gtgttgacct cccgtgacccg      60
cagcctcctc tctaaagggg tgtgacagga actgtcccac tgggaggcct gtggctgtgg      120
agtgcactca tagcctccac tgtccgtaaa gggagccata caaccagagt tcgtcctgcc      180
ccaaacctg ccactcacia ccacatatgt acagtcagat gccatataac aggctgcata      240
tgtgatggtc ccataagatt acaatgaagc agaaaaatcc ctgtcacata gtgacatcat      300

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<210> 2300
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 2300
cttgattagg tctttagggg ccgagggact agccagctgc acaggtgact ggatggggga      60
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ctgaggtgac acgctagtga cagcccaata gggggttacc cttattgagt aaaatacttc      180
agattgacag ctcaatctta gtttgccctc agttaatctt ttatgcttag ggattaaatg      240
tgtggttttt tttttgtttt tttttttngn aaacggattn tcnttttgn ncccaggttg      300

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<210> 2301
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2301
agtgggtagc aagagttctg tgtaaatact tgggagggcat ccaagcggag agttaagtag      60
gcactgaata tttaagttga gctgagggga gtgatctaga ctggacataa attttgggag      120
tcactagtat acagatggca tgtcatggaa ctgattgaga ttgtttgtgg ccttaagatc      180
aagccctgcg agactggagt aataaaaactc tggctctccca cacagccagc tctgtgtggg      240
gaaaaaaaaa ccctaaaaca ctaacaacgg ctaaagcttg ggcaaaggag actgaaaagg      300

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<210> 2302
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 2302

gctatccctc	ctcctgttcc	accctccaga	ggtagtctct	gttacccttt	tatttataac	60
ttttatgggt	tttttttctg	tatttatata	aatcgatgca	caaagagggg	tctcttctct	120
cataaaagt	attattagtc	ttcagtggtc	ctttttttct	cctaacaaat	gtaaactggg	180
agcattttcc	caagtacata	tttataatac	ttacggngcc	tatctagtat	tctgtgaata	240
tatactggta	atttattcct	tcccattgac	agacttacct	tgtttccatg	tattgccatt	300

<210> 2303

<211> 263

<212> DNA

<213> Homo sapiens

<400> 2303

acttaattca	cttgagtaga	aatttgtaat	ttagccatag	gaatttagga	agtgttagtt	60
acaagagggt	acttgaagct	gtggacatga	tgatagcttt	tgttgcataa	ttagaatgtg	120
ccaaacactt	tgctaagtgc	ttatgatagc	ttttctcttc	agaacatcac	catgattatt	180
tacagtataa	cctgtatttt	acagatggag	aaatgtacgc	aaaggaaaagg	ggcataactt	240
gcctccaggg	tcacatagat	agc				263

<210> 2304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2304

ataacactga	gaaaggagta	tggtatactt	ggtttgaact	gtgtgctaca	ctaccaggcc	60
ccttccacat	tatactacta	atttatttta	aatagatagg	tatcacactg	agaggatata	120
aaaaaaattt	ctgcctcttc	atttttgttt	cttgtttgaa	cagaaaaaat	gacccaaata	180
ttgggagtac	ttctaaggaa	aaggcaacac	acattccagt	taacacttgg	atgtgaaaat	240
atcaatgaat	attagaattt	ataagtcaaa	ctggctctgc	tcgctgattg	caatttttag	300

<210> 2305

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2305

cccagggaat	gctggcttcc	tcttattgct	attccttgcc	tttcctaattg	ccttgaatca	60
gtgcattcat	tcatttgttc	atttcaatca	ggaaatatct	gttttagcaca	aacatagata	120
tttattttatc	taagtggaaa	agaatattgt	aattctcagt	gttggttaact	gtccttgaga	180
ttttaaaacg	atacaacatt	ttttcagagc	aagttgttga	tatgtatcaa	aagtctctaa	240
gacacaccct	tttaccgctc	aattctacag	tcgagtcctc	tttctaaaaa	aaaaaagaat	300

<210> 2306

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2306

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tttgtgtgtg	ttgttgcctc	tttccatata	tgtattttatg	ctacctgtta	gggtctcttc	120

cgaagcaggg	gtgggaacaa	gaaccacaga	tatacttctg	tggtttgtga	agcattgtgt	180
ggagggctgt	gtacacagag	tacctggggc	agttgtcaca	gccactctgt	gtggtagctg	240
ctactgtgcc	catcttagaa	atgagaaggc	tgaaggaccc	accangcca	cncagccagt	300

<210> 2307

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2307

ggaaaaataa	catgttctact	ttatgaaagg	aagaaccagg	aaaaataata	gaaaataatg	60
aacatgagtg	gagatataga	tgaaagctaa	ataagcattc	actgtgtctt	atcaagagtg	120
actaataagc	tgacagcttt	atgtgagttc	tggttaagcaa	attaatatca	tataaatcat	180
tacaatttgg	ataaagcaaa	acctgttatc	aaatttaaaa	actgtttaat	aattcaacac	240
tccagtgggt	tgcttgtttt	aagcaaaaagg	attctggcca	agatatttta	cttcagctct	300

<210> 2308

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2308

attctgctga	aagcctgctc	cccagaaggg	tggaacaat	agggacaatg	aactgctgtt	60
gttcgttatg	tttcatcccc	attccgtttc	atttttattga	attgtaaacc	gtgtgtataa	120
caacactttt	taatcaattt	tttaaaaaag	agagagtggg	aagaaaccgc	ttcctacaac	180
agaactgaag	agcacaccag	tgattacagt	gtccagagag	gaggggtgcat	taacactagt	240
tttattattt	caatcagatg	ccaagcaaga	atatatctgg	ggttcagaca	agaaaggctc	300

<210> 2309

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2309

ggaacctcta	caggaatgca	gtgggcttag	ttttttaata	tggaaccagg	cttgtttacc	60
tttgtgttcc	cgcaaggcct	agcccttctt	aagttttcag	taaatatttt	gatattagct	120
tacctgaagg	ttttatattg	tttatatttc	ctatgattta	tcagtctaga	atataagcat	180
attaagcagt	gatgaagtct	gaaagtagag	aaaacttcag	attgtttcaa	aataggtgat	240
ttggaagggt	tattttattct	gataaagcaa	atatatagct	gcgatgggaa	aatatcta	300

<210> 2310

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2310

gcaatatgta	gtttgccata	aaatgaatgc	atgtcttatt	cttttccata	gttcttcatt	60
aatgagactt	gtagtcaaga	atagattgaa	gataaccattc	tccttgtgta	gttcaaaaaa	120
atctctcttg	gtaatactga	aacaactaat	ttttcttatt	ttgtttgttc	ctctttatta	180
ttaaatacta	tgtgaattaa	ctcttttagta	gttggcctgg	ttgaagctct	gtgaggagca	240
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<210> 2311

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2311

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ggtgccatgt acagctgcaa aggtggcaag aagccctgag aaagctcaag aagcagggtca	180
aggggggtggg taaggaagat gggacgttca agcagaaaaca aaaagaggag ctaaaagtga	240
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<210> 2312

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2312

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gaaaggctct cagtgaaaaa ggtattagaa ttattttctga attatcagtc tctcatttgt	120
gctttggaga agcagaaaaa gcaaaagggg tctttggcca tctttctgctg gagcttccag	180
ggaggatgtg tctccaagag accagatgta ccgagtttga aatcccagaa gcccaagagg	240
aaaagaatca cagggaggaa aagactgtcc aaaggctcct ggagtcttct gttctctaac	300

<210> 2313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2313

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agaggaacta tataaaagga acatttggag catagaagag agttcatgga aatgtaaaaa	120
atgatggtac cctgggtttg atatatagtaag taaaaaacta agggtaagag ggtcatgaaa	180
gcatctagaa gtaggaggga aagccagtc aattcacagg atgaagtcag gaagataata	240
gagcagtgcc cgcaagatcc tgagggaaag caagttccaa tctataagtc tgtaaccctc	300

<210> 2314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2314

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gtctaagata gtctctgaat ttagaactgg gacgaaagtg tacataatag gctattataa	120
aattttttaga attggatttc taaacttggg gtcagtgaat ctagcaggct taagcagtg	180
tctcaggttt ttctggcaca gacaaggaat ataagaggag gagagaaaag gagagacagt	240
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<212> DNA

<213> Homo sapiens

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<400> 2315

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atgatggtac cctggggttg atatatgaag taaaaaacta aggggtaaga gggatcatgaa	180
agcatctaca antaggaggg aaagccagtc aaattcacag gatgaagtcn ggaanatant	240
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<210> 2316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2316

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tttgaagtac atgatataga caggaacaca gattttttaa tggtagctgt tactaagtgt	180
gggagagagc tttgactctg gcagtttggg atggcctttc aaaattgaca agtgtgggtg	240
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<210> 2317

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2317

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gaaagaacag aaggggaccta tgatttactg attgttgaaa atcaaaataa aggaggcaga	180
gaaaataaag attgtgagtc agcaggactt ttgtcttatt ttcaagtgga tttattgatt	240
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<210> 2318

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2318

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cactgggctc tttaaccaatg atgaagggcg acaagggtgat gacgaacaga gtgattgggt	120
ctatgaagga gaatgtgtcc caggattcac tgccctaat cttctgccc agtgggctcc	180
tgatcattgt tctgaagtag aaagaatgga ttctggattg gataaatttt cagattccac	240
attcctttta ccttctcggc cagctcaaag aggggtaccat actcgcttga atcgtctacc	300

<210> 2319

<211> 300

<212> DNA

<213> Homo sapiens

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tttggttttg gaaaagaaaa cagaatcagc aacttttcgg gtgtgtggtg aaaatgtcac	120
gtgtgtggaa tacgctatct cctggctaca agacctgatt gaaaaagaac agtgtcctta	180
caccagtga gatgagtga tcaaagactt tgatgaaaag gagtatcagg agttgaatga	240
gctgcagaag aagttaaata ttaacatttc cctggaccat aagagacctt tgattaaggt	300

<210> 2320

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2320

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cacggcctgg catataataa gtactctata agtattggct gattttctaag aggtctgaaa	120
atttatectt tagaattttt tcttcagttg gtttagcgag tttccctttg atgttgaaaa	180
tgtttttttt taaaaatcta acctagacca tcccaaatca tgaattactg ttgtgtgaaa	240
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<210> 2321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2321

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cccggccctg gatgtatttt ctatcctaga atgtccacct ttaaaaatga agcccagtga	120
aaagtgttcc cccactaaaa tgtggactgt tttgcttgca gggatgtgtg ggtttctggg	180
agatagaagg ctagagctag caccttccca aattgcagag gaatcaatcc tggcttgtct	240
gtgagctggg gaggaatgga aaggtagggg ccttgagagt ccttaattac atagggaatg	300

<210> 2322

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2322

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ctgtgcgagg tttgctacta tctagaggca cagacgagat tcagcccaat gaagatgaca	180
aacgctcctg taacacatta cccacatttt ctgtaggaca ctgttttgtc gacctataca	240
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<210> 2323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2323

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tatggaggcc tcaccacag tattcacagc tctcaactgg cctttgagaa tggaaagcctt	180
ttcctgccct ggatatggcg cttcttctct ggagaggagc agagccacag agaggtagga	240
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<210> 2324

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2324

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ttcaacttagg gtcgagcact ctgtttgctg ataaatatta aggagaattc atgactcttg	180
acagcttttc tctcttcaact cccaagtca aggggagggg tggcaggggt ctgtttcctg	240
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<210> 2325

<211> 300
 <212> DNA
 <213> Homo sapiens

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 tgtactctaa gcctcagttt catcatctga ataatagatat ggtacttatt ttacaagggt 120
 gtgataacta aacataataa tgtatataag gcatagcata gcatttggca catactaggt 180
 gccagtggtg tagtaattgc tgtgactaca tggatatacca ccttcctctc cctgagaaat 240
 ctcaggatat tggacacact gaactactcc attctaaacc ttaaaaataa aaacaaaagg 300

<210> 2326
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2326
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 cagatttttt cttaattat tttaaactca tgaataatca gttaaatgaa aaagaaatgc 180
 acatttaaga gcatcttgaa aattcccact cctaggtgag tcagaggaga gaagcctctt 240
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<210> 2327
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2327
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 ttcaaagcca aatcctcagg aaggggggatc tgcccgggct agctagtcac gtgtcaggca 120
 cagtcagctc tgttgagggg tgtgcagtga gggctcagtg aggccacaga gctcagatgt 180
 ggctatgaag actcctgggt ggtgggggat ggcagttctc acagatgaga ggtatggatg 240
 ggctgggtgc aatgactcac gcctatgatc ccagcccttt gggaggccaa ggtgggcaga 300

<210> 2328
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2328
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 ttttaagtgc ttgtctgctc tgccctttcc cttttgtctc tcaaataat aaagtaagta 180
 gctgacctc caggaggact gttaaaaatc atatcactag attaaataga attaaaaaag 240
 aaacaggaag attgaagatg tagtttaata tatgtatcat taataataga ataaatacaa 300

<210> 2329
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2329
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 agggaaagta agttttaatc tagaccatat tatttagtta catctaatt ctctagacaa 120
 aagacagtct ggagagtact ctttagttct atttattaat tttgtctcta gattgagcca 180

gatattcccca tgcatagctg gcatttttatt ggccctctgca gaattgcttt ttctggattg 240
 gactttggta atccatatga aaatctctat gaaatttaat tgctcgccag gtgtgggtggc 300

<210> 2330
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2330
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 ccgcatttca ctagtttcat gtggctgggt gctaccacat ggctcagtgc aggtgtaaga 180
 cacagataag tagtctgtat tgcattttaga ttactgcagt gtcctcgggt gctttcatcg 240
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<210> 2331
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2331
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 tttgagttac tctgaaatct atttattcaa cagatattta cttagtacct cctattgcca 180
 gactctgctt tatgttggat attatttttt aaaagccac cttgcctaga tttcctcaaa 240
 ggaccaggtg gcttccctgg ttttgaaaga ccctaattct tactatgatc ttaagtaaat 300

<210> 2332
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2332
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 ttgattacgt gtcaccggct ctgtaatttg ttaactcatt tgattagaac atgttgctaa 180
 ttcagtcaag gtttccagtt gtacacattc atttttgctt ctggatcttt gcatatgcta 240
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<210> 2333
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 <212> DNA
 <213> Homo sapiens

<400> 2333
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 ttcataaaca ttcattgagc actaagtatt tgcaagatac tggaggtata aagatgaata 180
 aaacactgtt catgtctttg aagacttct agtcaagtgg tgaaattaaa cataaaaaca 240
 ggacatttta atattacgtg caaagcacat agtgggcaat gtgttggttt gaagaaggat 300

<210> 2334
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 <212> DNA
 <213> Homo sapiens

<400> 2334

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atgactagat	tttttgtaca	gctgagcctc	aataaactca	tgcgtacact	tgtgagaact	120
caaatcagaa	atgggcacag	aaactggatt	acattttctgt	gctctgaaat	cccacagagt	180
tcataaaaaat	acacatgtat	acacaaaagc	aacaaatgta	agttacattt	tattatggaa	240
attgatatta	gtgaaattga	cagcttttcta	tggttaaaga	ttatcctgta	ggtgagccaa	300

<210> 2335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2335

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gctgagaagc	ctcctgagat	aagagcgtat	accatgtcca	taactgaagt	tttaacattc	180
tctgccaaac	agaaccagaa	tttaagggca	ggagaatttg	caagatagaa	tttgcaattt	240
gcaagagggga	attgcaattt	gcaagagagg	ggcaatttgc	aatttgcaag	agagggcaat	300

<210> 2336

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2336

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tccaaatcac	aaataaagcc	atcagcagtg	ctcccttctc	gctgttccag	ccactgtgga	180
catttgccat	cctcattttc	ttctgggtcc	tctgggtggc	tgtgctgctg	agcctgggaa	240
ctgcaggagc	tgcccagggt	atggaaggcg	gcaagtggaa	tataagcccc	tttcgggcat	300

<210> 2337

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2337

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tttgggtgat	tatattcagt	ctattaaagt	tttgattgtg	atgttttcat	tgcagttttt	180
ataccggata	aaatgtattt	tagaagtaga	acttttggag	ctgaaatagt	ctgcagaatg	240
tagcttgaaa	accacggcag	tgaactacta	agggaaaagt	tcagaattca	agtctagact	300

<210> 2338

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2338

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gtcctgttct	cattgtactt	atgatattta	gtgttggtat	tgccatatcc	tgtgggggga	180
aagctaagaa	cctcagtaat	cttagtaaat	agtgtatca	tcagttcatt	tactcaagcc	240
agaaacacaa	gagtcaccct	cagttttctcc	gtcatccac	atttaattcta	tcgccatttc	300

<210> 2339

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2339
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 caccatggca catgtatacc agaaacttca cattctgttc atgtatccca gaattttaaag 120
 taaaatttaa aaaaagaaac gtactggaaa atctgaatag accctctgct ggaagcatta 180
 tgaaaagtaa ataaatggat atactgcac atcctcagaa aaaataaaaa agaaagaaaa 240
 tgctgcccc cttctgcccc caaaacagat taagcagggg ctcatgttg gtgtcagaag 300

<210> 2340
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 <212> DNA
 <213> Homo sapiens

<400> 2340
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 agaagacttg ggactgggac agtcttttaga tattatttga aatgctggca ctgtctatct 120
 ggatcccagg gcttgaacta ggatttgagg aagtcacagg gaagcagatt tcagtctgac 180
 atttattcag tgcaagtttt ttggtgctgt agtatatgat gaaagatgta aagctgaata 240
 aagcattatt tctgccttag agttgttcac agcctagtca ggcatatgga tatgtaaaca 300

<210> 2341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2341
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 tgatggcatg agtgaatgtc cacattttaa gttatttttg ttcacacatg gcctttgttt 180
 attatttatg agaaaaaatt atagaaataa tttaaggggt gtacagaaat gcaaactctag 240
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<210> 2342
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 <212> DNA
 <213> Homo sapiens

<400> 2342
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 tggtttgttt ctcttgattt tctgaagttg caaataatca tgtaagcagt tcaaccagga 120
 gtttacacca aacttttaat aggcgatata tcattatttt ttttccatt gggttgata 180
 acatccactt taactggcag ttagtcatac ttagtatttt ttgttaaagc aggtgattta 240
 ttgttatttt atatttatga catgattaat aagtgaatat ggaagatttt acattgactt 300

<210> 2343
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 <212> DNA
 <213> Homo sapiens

<400> 2343
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 aataaataaa tggttaaattt gcttttttct ctctctcttt ttttatgtag aatttgttt 180

ttgataactta ctgaatgtag tgaccctgct gtggtaatga acacttctag tgccttctag 240
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<210> 2344
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 <212> DNA
 <213> Homo sapiens

<400> 2344
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 gcctgtagca tttgggctgg ctgagatggg ggaagtgtga acagaatatt ccagtccagt 180
 gtccctctgt gtagggatgg ggatggacct gggagaggcc ctctgttcc tggcaggagg 240
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<210> 2345
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2345
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 gtgccagaga atttacgtca ttgtgcctgg gagctcacac tcagcatggg ttttgctttg 180
 actccacgtc ccggtttgtt gttgttttta gggaggggct ttctctgtat gttgccagc 240
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<210> 2346
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2346
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 actaggcact tattttatgc catggcacaa ttctagggtgc tgaagacgac acagctgcga 180
 ataaaacaga catgggacct gttcttgttg agcttatact ttagtgcgta gagaaactaa 240
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<210> 2347
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 <212> DNA
 <213> Homo sapiens

<400> 2347
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 acctctactt tcaaagtata tacagtcagg tatcgcttaa tgaaggggat aaattctgag 240
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<210> 2348
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2348

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accattttaat	agaccaatac	tgtctacctt	aaaacctcct	ttgggtatcta	atttcttgca	120
acatagtgca	tctcaaataa	ctggtaggaa	attgtttgtg	tcttttaaca	tatttttagt	180
gtcttttaaac	atatttttgt	ttgtgtcttt	aaacatattt	ttaggaacgt	atggcatgat	240
gcatatgtcc	ttttctttga	atctgggagg	tggaagaaag	cttagtttga	acaagcttat	300

<210> 2349

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2349

ggcatagtca	gaccctgtct	caaaaataat	aataatcagt	aaaccacagt	tggggttatt	60
ccttttagatt	actattatct	tgttcttgaa	caattgattt	ttattttttt	agacttttta	120
gcctttatat	aatcattctg	tgtactctgc	cttcataata	aaactggaaa	aattatgagc	180
aagaaataag	aggtactagt	tctgaggaat	agttaagatt	atcatactga	gtccaattgt	240
agcagaattt	tttgttgctt	ccttgatgta	tacttaaaat	agttgaaaat	ttgattggat	300

<210> 2350

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2350

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acaagtgact	gcacaggttg	acatggagga	ttaggtggag	tgaggcttcc	aagcagggag	120
gggaatgatg	gtggggccca	aatgaggagc	cacatcgaag	tagatgagag	aatagaaggt	180
gaagtaaggg	ctggcggttg	gtagggggag	acgccagcag	tgatgctgat	gccagggctg	240
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<210> 2351

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2351

ggcacatgta	tacatatgta	actaacctgc	acaatgtgca	catgtaccct	aaaacttaaa	60
gtataataaa	aaaataaata	aataaataaa	aataaaaaaa	taaaaaacaca	ttataaaggg	120
ggcaatccag	atggccagta	aaccattgta	atagccagaa	attggaaaca	tatattcatt	180
gacaacattt	aagattataa	tatagtcata	taatagtcct	gatataacaa	tggaaataaa	240
ttacagctac	acacaacata	atggataagt	cttaaaaaagc	cacatgtaca	gaatacatac	300

<210> 2352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2352

gcgagctgaa	gtacacaaaag	tttcaaggcc	agaaaatgag	caactcagaa	atgataacaa	60
gagacaagta	gctccaggtg	ctccttcagc	tccaaggaga	gggcgtgggg	gtcatcgggg	120
tggcagggga	agatttggtg	ttcggcgaga	tgggccaatg	aaatttgaga	aagactttga	180
ctttgaaagt	gcaaatgcac	aattcaacaa	ggaagagatt	gacagagagt	ttcataataa	240
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<210> 2353

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2353
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 ggtggcatga actaccacac tcggcagcat attttaaaat gcagttattt ctgaaagttt 120
 ttggtttttac acaattttttt ttttaggtaa taagatgtat tgtaaggatt atgcttacgt 180
 atggtacaga gtatacttca cattgttcct gtcttttttg tgggggaggg aatgaccgaa 240
 agcattggga atgttaaagg caaatgagta aaaagaaaac taaaaaacga ttacttcttt 300

<210> 2354
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2354
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 tttcattttt aatatgattg tagaaacatt agattttaaag catattgaaa aagaaaacag 120
 tatattcttt aggagcttca aaaaaggggt ttggtttagt tcaaaggggtg aaagaagatc 180
 ttttattatt ttggtaaata acttctaagg aaacaaacca cctcacatg cactatctca 240
 tttgtatttc tgtcaattct gaaaggccag catttggcca gtattatttg aatctgtatt 300

<210> 2355
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2355
 gaatggccaa agttataatt ggtctttcag attttttcat atggacaaga aactgaccca 60
 cgaattataa aatccatgtg gaaaagaatt gatccaaatc aatgtaactt caagaaaatg 120
 tagaaaactt tataaaggag taaattggct ttattctctt gatgaaaact cagtattttg 180
 gtgtaaactc tatttaaaaca atttcgttca taaacacaaa gacaaaccat ggggtcaaaa 240
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<210> 2356
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2356
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 acacagagct agagggtaac acattgatgc tacagacaga acacctaaac tacttctgga 120
 gttctgtaag attagaggag agaaaataga gcaagagaaa tggtgcaagg atttttccaa 180
 aaggatataa atgtatccct gaatatattt ttagtaatct caaacttcag gcatgataac 240
 taaaaccaa ttaacataaa ataatacagg acgcaaaaga ccaatagaaa atctgaaaag 300

<210> 2357
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2357
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 aagcagtgc caaagcagac acagtccctt ctccagtgcg attataatcc agatgggata 120
 ggctataaat aaaggaagaa gttaacatat atcaggtggt ggtagtgct gctgagaaaa 180

atgaaggagg ggagagagaa aaggggatgc cacaaggcta gggtagagag ttctgtttca 240
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<210> 2358
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2358
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 tgttcattgt aaagaggaaa aatacagatt tctctataat gtcaccactt atttctaatt 120
 gccacttttc atcttgttga aatgccatgt tttgattcag tcttctgaat ttgaacatta 180
 ttcaggttat ttccaattgc tgggaatata cttactgcta aaataaattc ttagcattgg 240
 aattgctagg tcaaagatta tgcattgcttt ttaagggtt tagaaatgta ttgccagtct 300

<210> 2359
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2359
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 caaaaacaca gaaaaagaaa gtgcttggtc acctcctccc atagaaattc ggctgatttc 180
 ccccttggtc agcccagctg acggagtcaa gagcaaacca agaaaaacta cagaagtgc 240
 aggaacaggt cttggaagga acagaaagaa actgtcttcc tatccaaagc aaattttacg 300

<210> 2360
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2360
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 gcctgcagta atgtatgtga tagcacttta taaattataa agcactatgt tgtataaaac 180
 accattatca ctttgtcttc cttcttaact tattttttct tcttttatct gtcttccctt 240
 cttctctctt tctctctctc tctgtttgcc tgtctgcate ctttttggtg attttgcctg 300

<210> 2361
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2361
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 cttttgaacg ggagatgttg cataaataat tgttgagtat gcactttaga ttctttgcta 120
 acatcacatt tggtgaaact ataaaataat tcccatgaaa attggattgc ttaatataat 180
 aactgatatt taataatatt taatattgct ctaaaatttc tggctaaaat gaaaatatct 240
 aaccatcagg aaggagaaac aaaactatta ctgtttgtaa acagtttatc atcagtactt 300

<210> 2362
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2362

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ccttggggaag	atgtatgttt	attccagtga	agctgacctt	acacagaaca	ttcctagaac	120
cctctttaga	aactgtcaac	ttgtaagggg	cttcagtgtt	ggtaaactct	tgtcccttaa	180
gggtagatct	attttttgag	gaatgatttt	tttttttaac	agctaaagag	cattagaaaa	240
taagtctgct	aaataaaatg	ggtgaagcag	ctcaggatga	tcttggtggg	caggaggagg	300

<210> 2363

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2363

cagatataaa	atggttttct	ctgttgaaa	gtagcagctg	gcttgacata	atcagacgtt	60
gcctgaaaaa	agcaatagag	attacagaat	gtatggaagc	acaaaacatg	aatgttcttc	120
ttttagagga	gaatgcatcc	gacctctgct	gtctcatttc	ctctctgggtg	caactgatga	180
tggaccccca	ctgcagaacc	agaattgggt	tccagagcct	catccaaaag	gagtgggtca	240
tgggtggcca	ctgtttcttg	gacgctgca	accatctccg	ccagaacgac	aaagaggagg	300

<210> 2364

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2364

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taggaggcta	actttatact	tatttaaaag	ctcttatttt	gtggtcatta	aaatggcaat	120
ttatgtgcag	cactttattg	cagcaggaag	cagggtgtggg	ttggttgtaa	agctctttgc	180
taatcttaaa	aagtaatggg	tgatttataa	agaaaaaagg	aaaaaaatct	ttggctgaat	240
atgttcattg	cttgtatttt	taaaacaaca	gaatttccag	tatgaaacag	gctgaaagag	300

<210> 2365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2365

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actctgctgt	gtacctgctg	tgtgacctg	gtcaagtttc	taacctctct	gagctccagc	120
ttcctcacct	gtaatatggg	aatagcagtg	tcttcttcat	ggtgtggctg	tgaaaatcaa	180
atgacataag	aactcaggtc	ctgacatatg	gtagaaactc	agtcggcagt	agctatttct	240
aacagagttt	ccctctctcag	catctgatag	ccttctgttt	cccttcacc	ctccacctgg	300

<210> 2366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2366

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tagcaaagac	acattatgta	aacttaggag	gaggagagaa	tgcaaatttg	catgtgaatt	120
ttattttgat	taatcgcttt	ttttgctttt	cagcaatgtt	atttatgaac	aacaaaatta	180
tagaaaaagt	gagaaaaagt	caattatcaa	ttattttctg	atgaacaaca	acaaagacaa	240
aaaaatgggtg	ggattgattt	attttccctt	gacagaattg	attgtttctt	taggttctat	300

<210> 2367

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2367
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 ttaaagtcag ccattgttta aggcagaaat tcagggttag atatagtgtg gcaaagattt 120
 tccattatat gagatatoga tcctattaaa cataaaactt ttctcttggc tttctatttt 180
 actgtctttt gttgccatca gctgtatgcc ccttaatttt ttctagtaat accttggat 240
 ttaaaaatga aattacaaat gtttatgttt tagtggtttt aaaaataatt cgattaagta 300

<210> 2368
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2368
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 tgctagtata gtatcagcct cacattggaa ctgggttagaa atgcagactt ctcaggatcc 120
 acctaattgc agtagttaat tttaacaagc ccttcggtga tcctgaaaca tgttacagtt 180
 tgagaaacac tgctataata cgtttcattt aaattgtttc aggttggtggg ggtaggggat 240
 aagactacca atttattcat cttctgtgca atattacctg tttacctaac tcttagagat 300

<210> 2369
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2369
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 aatccaggga aagaaagatg gcagtttata ctggggcatt gccagtgtgg atagaaatag 120
 atctcagaag aatttttagga agtagaagtg gcaaaacttg gtgactgaat tgtgagggca 180
 gaagtgggag aaatcaagga tagagtttct taaacaagct ttggtgaaga cagggactac 240
 cctatttgct gtcagtatc cacagcttag cacaatctt tatacgtctg agatgcttga 300

<210> 2370
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2370
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 ttcacaagca gctgtggtgt gtagcaagtt gatagctaag gagcttctca tgggggcacc 120
 aaggagctgg tgttactggc atgcaggcac agttggtgtg tgcaactggg gagcatgacg 180
 ttaatgcccc tggaggctgc cttctgccag caggggtggg aggcagggaa taaatgcccc 240
 aggtctttat cctctgctag gatgattcta aggtgagatt cacagggttt tcataggggt 300

<210> 2371
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2371
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 tacacaagtc ataatttact gagcacgatg gtaaaatcct ttaaaaatgt agtaaaaaga 120
 acagagtatg catatgcaaa ggaggagatt ggggaaagca aattagaagt ctatgcattc 180

tgtagacagt gaaagctggt tcaagcagaa tgaataagaa agtaatttaa aaagaaggca 240
 tcactttattg actaagggtca aacaggagga atacacataa aaaccagaaa ctaacttcaa 300

<210> 2372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2372
 gagagggtgg catcaggagc tgctcaggct tggcggaggg agcggcatgg gcgatgtcac 60
 tcagccccctt cccgggtccgc ccgcttccct ccttcatgat ttccattaaa gtctgttggt 120
 ttgtgactgc tgccagtgtg gttggccctg cccctgcagg ccacatggtc caggaggaggga 180
 gggggacatg gaaatctgcc ttagagacaa atggagtagg gcagcccgga gctggggccc 240
 aaggggacagg acaccactgc ctgctcttcg tctggggcct ggggccttgc ctcccactga 300

<210> 2373
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2373
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 agtcgggtgga tgggtaatgg gatgcccgc tcccctactc cagatgattg atgaagaaat 120
 ggaggtgtat ggagatgagg tgacttgccc aggatcagag ctttaagtga cagaggcaat 180
 attggaactg aggtttccct cattcaaaag ccagtgggtgc ttgtttgcac tgccacactg 240
 gagcagacta actgagaccg ctcttgatgg gtccttttct acgagaggct ttgctgcca 300

<210> 2374
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2374
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 tttctacttt gcctgtttta atacgcagct acttgagtat gactatagat tcgggaggat 120
 acatcgaaac tgtagtttta cccatgcttc tgaactttat cgccaaggga atgccagtgt 180
 ttcttggegc attgattaaa gtggcgttct gactgctcag tactagaaat gctgcgaaaa 240
 gggcttctgg agtgggacgg ccctcgtttg cattatgtcc cccgcttctt cctaggttaag 300

<210> 2375
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2375
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 aatatatggg agctgttggt accattgata ttaatatata taatagtcct tgcagctgtc 120
 ttctaaagaa cagttgtttg accctgaaag caaaagaagg agaaagcata ggttttgggt 180
 cagatcctgc ctggcttttt tctgttacac tgtgctgctc cacataacct tacaaaatga 240
 catacatcta tggcttcaac ttcattagct ctgtggagag gaatattacc attttccaaa 300

<210> 2376
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2376

gaaaaatata gctaacactt aatgttttgag gtctgagcac tttacattaa atattttaacc	60
tataaaatga aatgagaact tactttttatt atcctcactt atacagatga ggaaaccaag	120
acaccagag attaataatt tgcctaagggt aacaaaatta gtaagcatcg taaccaggat	180
ttttggctcag tctacacacc ttccccgttc cctcactata gtgcctgctg caaattgtac	240
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<210> 2377

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2377

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aacactggca ccggttctaa caactcaagg ctgctgcccc aggatgactg ctccagctct	120
cttacgttcc tgcctgagag cctgccaaga gaatcaactg tttgataggg cccatctccc	180
aggctttgag agagagtagg ggcctaattt tgttaagctc cagntagtaa agccagagag	240
cctaatecgc ttgacagccc ctttctgct tttcagttat ttctgcttcc ctgaatactg	300

<210> 2378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2378

actaaagggt tgagccactg cgccccgcat aagtaagaat tattaatctg ttcttgcttc	60
agaacatctg tcttttcaac ttaatacgaa caaatataaa tattaacac ttcactttgt	120
cttcaaaact gctcaaaaca cttcactttg tcttcaaaac tgctcccaga attttcctag	180
catttttggg gattcaacat tcatgtcaaa ccaccacact tgggctcccc agtttcttca	240
tttctcatt gttgcatgca caaatttttc tctgctctat ctgagccaca tectactect	300

<210> 2379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2379

ggttggttcta ggtagtttca tgcggatgct gacctaaact agaatgtaga aattagtagg	60
aaagtgaatg ccactagggt ggaaacctga aagcacgggg acctgcatc ttgtttactg	120
ttatattcct gctgctcagc tcagggtctc tatgtaaaaa atgagtgaat ttatttttcta	180
gctggtgcct acaaaataat ctgcaatgta tccatactgg tttattaatg gtaacagatg	240
aaccgtacta atatgagata ataggggaaa ctagatatgg agtgtatggg aattctatct	300

<210> 2380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2380

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acattaccat gataagtcag aatactggag gcaaaaagaa gactctgtag tcttccaggg	120

aggggggaaa	tgtcacagac	aggatcagga	gtcatgatga	cctcagcagc	acttctggaa	180
gccaaacaat	gaggcagttt	tcttcaaagg	tatgaaagaa	aataattact	gatgcagcct	240
tttctttttt	aaccaaaaca	tgaatgaagt	gtgaagatgg	aatcaagata	agttcagaaa	300

<210> 2381
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2381						
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aaaattctgg	acctgattca	ttaaccccg	ttttctctc	taatgtgtcc	tgaagctgag	120
ctagatgatg	agtaaattct	ttgctgactg	ttgctcatca	ctttctctca	aagttagaac	180
ttttcagtat	aaaaataatt	agcttttaac	tgattattaa	tgttcttta	tagtttctgt	240
caaaacttgt	ctaaaatttg	tgttgtgcc	aattggaaat	accactata	atatggcgca	300

<210> 2382
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2382						
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gttctctgtg	gacgctgagc	ctctgcagaa	gctgctgact	ttgtcaggtc	cgaggctgtg	180
tcctcagcac	caaggacagc	acagggcgga	cactccgcgt	atttgagtga	gaaaatgaat	240
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<210> 2383
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2383						
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gttctctgtg	gacgctgagc	ctctgcagaa	gctgctgact	ttgtcaggtc	cgaggctgtg	180
tcctcagcac	caaggacagc	acagggcgga	cactccgcgt	atttgagtga	gaaaatgaat	240
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<210> 2384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2384						
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accaactcaa	ctttgcaaaa	gctaatagtt	ctcaagtctc	tttttttaaa	ttctccaata	120
gaatttgatg	taagtattcc	ctctctcttg	aaatactttc	ttcacttggt	ttctaggaca	180
caatagagaa	cctctttgtt	gatcttcttc	gttttcttaa	ccctaaatgt	ttgagtgtcc	240
cgaggcaata	ctatcttgtc	tctatctctg	ctgccatggt	gatctcattc	aagagtcagt	300

<210> 2385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2385

ttcacattaa	gtttttactg	gcagaatatt	gcttttgttt	caaaaaccca	tagttgcggt	60
acagttccag	atacagcatt	atctattttag	attttaatttc	gcttatacat	gttttcttgc	120
tctctgctgt	tgtttacact	ctttattttt	ctgttactga	gatcttcatt	cttactataa	180
tttttgtttg	ttaggagctc	ttccatgagt	aatttttcgtt	ggacagtctt	aatgggtagt	240
atagtttctg	agctattaga	cgcccaaat	attttttcat	ttgcctttac	atatgaatgc	300

<210> 2386

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2386

aagcatggct	ctgccctctt	gaaagactaa	agaaatattc	catcagcagt	ttacttttaga	60
agaactgaaa	gaatagggtg	atactgaacc	cactcccaga	gccaggtagc	tgaaagggca	120
ctgtgattgt	tatcttacta	ggaacacgtg	gagtgaggag	aaggcagttt	tctgcagaaa	180
agagggattc	tgggcagaca	aaaactacat	atgcactatg	ttttgttttg	tttttttgtt	240
tgtttgtttt	aaattaaaac	cagaaaaggc	gaagacttgg	agaatgctca	aaattttttt	300

<210> 2387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2387

ggaaccaggg	gctgcagAAC	cagccccctc	ccaatgagga	ccccctctgg	acgccccctc	60
ccatggagaa	caccaggagc	cacagacccc	agaccacaga	gcacacaggg	gagggcacgg	120
ggcgccgggg	gcaggggtgt	tgctgcctcg	tttatgggat	ttgctccgcg	tctagcacac	180
tgctgcctgc	agtgcctctg	tcccctgcag	tggctactct	gggcctacgg	gcctaatacct	240
ggttggcatg	aaaatgtcct	gaggctactg	tgacaaaattt	ccacaagctg	agtggcttaa	300

<210> 2388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2388

gcctaaaatt	agagaattat	ctgctcagtc	cttattcctg	cagaatacaa	atgtcacatt	60
ctaactgtt	aagagattgt	cttcaaaaata	aaactgttat	taactacatt	aatgttagac	120
aaagtacact	ttagggcaaa	aggcattatt	agggatagat	ttcataatga	tagagttcta	180
tagtagaata	tagtaatgca	actgaacaaa	atgaagetca	ttccactgca	tggaagaatc	240
tcacagatgt	gatgctgaac	aaaggaagcc	acgtacaaac	acttactata	taatttttatg	300

<210> 2389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2389

gtaagatcct	gcctcaaaaa	aaaaagttta	tgttctcaaa	gtgctcataa	tctagtggta	60
gtacagtatt	tgagatatta	gagcagtttc	tcctcctttt	gcaactaagg	acatgtatcc	120
ttaaagcaga	aggaatggca	gagtcgtgta	ataaaccttc	aagtaccatt	acttagcttc	180
aacaactatc	gacactctac	tgttcttggt	tcattttatgc	ctcacctcct	tcccatcccc	240
cacttgaata	ttctcatcct	tttttttacag	tttttaagat	aacaattaca	taactgaaat	300

<210> 2390

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2390
 cctaggttct agagtaaact ctgccactac ctagctaggt tgacctttaa caagtctatt 60
 taactttttc ttaggttatt tctaagagag tttcaaaatg aaaaaaata ctatgtgttt 120
 gtaattttat gattataatt ccattttaagt aaaataacaa aaataacact cgtatcatag 180
 acattagaga gttcttactt ggaaagtttc atttcctaata gacatcactg aaacagcagg 240
 tatgacagag ggttccctga ctttgatagt ttttaattatc ttaattttatc ctctgtcctc 300

<210> 2391
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2391
 gcggctggcg gcaaaacctc tcgagtgagc ccctgcccga gtgccgcggg ggagaggccg 60
 cgagcgggac cgagaagtgg gctgggagca gaggtcgcgg aggtggcgag cgaggccggg 120
 gccagggcgg ggaccgggag gggcccggga gtggcgggca cgccagggtc agggagccgg 180
 gcgagggagg gggcccgggg ttgggggaagg gggcccgggg agggaggtaa acagccctgc 240
 aggcctcggg gcaccgttgc tggggcggcg cgggcgcatg tgctagggcc cgtcccgcac 300

<210> 2392
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2392
 ggcaactgta agaaattctt ctttcaaggc agttgtcttc gtatctatca ttttaccata 60
 cctgggttaa acagagtccc aggtacatat taaagcaagc cttcatacat gttggccctc 120
 tatctaaaag cctcttccca ctcccttccc tttacctggt aatccctgtt attccctaga 180
 tgctgtcttt aaagagattt cttttggtta atcacctga accctcagac tagtccagac 240
 ctctctttga tattttcctc ttgacattca gcatttatcc caattgaaag taataattac 300

<210> 2393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2393
 cttcctccag gcattataat attaggttaa tttagaggag catatttata tgtggagtta 60
 cattgtgttg gccattcagg agactgactg tgaaagaatc caaactttat atttctgcct 120
 tgccagtttt tttttccttt tcttcactcc atttgagaca ctcttgacct aatccagtaa 180
 actctaatta atagtcttgg taaattctgt ttcaagccat cctgagtagc gtcactgaca 240
 cccgatctgt ttcagtaagg tcaaattagc atcctttact atttttctgg catttaaattg 300

<210> 2394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2394
 ctcagatgcc agtcacaagt cccaggcctc tcatacttct gaccgactgg ctacaaatca 60
 ggggttccca ctacctctc agattagata atttgctgga taaaactcag gaaaacatta 120
 ttattaaggg cacaactcag caacagccca gtagaagagg tgcacggagc aagcacgggg 180


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ggacgtggag tttctgtgcc ctcctagggg ggccctcctgc ccagctcacc cttgtgtgtg      240
caaggtcccc gaatcttgta gttagagttt ctgtagaact caatctctaa tcctttcctt      300

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<210> 2395
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2395
gtggaataat atcttttgaa ataactaagt ccactaaatt atacagtatg ctattctggg      60
tctaagtaca tattagtccc ttggcaaatc tgttctttca aagcatacct tccccaaatg      120
agcctaccta cttcttaaaa aacatataac acaatgtggg agtagtaggt gtaaggaagg      180
taagtttttt catagtggta tgcaaacata tcattgaaat attacataga tataaagact      240
tagggaataa aaatagcagc aacaaatact tgatagattt atcctacttg ggagaaatat      300

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<210> 2396
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

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<400> 2396
aaactcttaa gtatacgcta cgggtctgtgt gtgggtgcttt atacgcacca ttttacttaa      60
tcctttgtta agcagtatta ttttgaggaa acagattgag agcgattatg taacatggcc      120
aagggtctgac acttagtaag tgataaaactt ggggtcttaaa tactagtctt ttggacttgg      180
gcatttaagg acgactagcc tgtattacct ttcccttgag atccttcctc acataggagg      240
tgaatttaat aatctggatt tcttgaaata anntanactc caccaaaaca antcctgcct      300

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<210> 2397
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 2397
atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtggtta aggggtccag      60
ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc ccagattttt      120
gagataaatc aatttattta tttgcaatat ttacatgcct acatgggttt ttaaagttat      180
tttaatgtat ttttaatgat taaaaaatta tgtcccgat ttattagtca ttcattactt      240
accattattt gcatttaatc cttaaagcag aagtgtacaa aaaagagatt aatgtaaagc      300

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<210> 2398
<211> 292
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (292)
<223> n = A,T,C or G

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<400> 2398
gcgagactgt ctcaaaaaaa tcaaaaaaaa gaaaggggat gtaaaataat cgctgcaagt      60

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tacagtgttt	ttcattaatg	acttccaaat	gtctcacatg	tattgtctct	tcccagtagc	120
ataaacaag	atgcaggag	gtgcaatgag	ttcctacagg	ccctagagct	gacggtaggg	180
gtgggaatac	agttcacacc	gcgtcttcag	ctgngttcct	tgtggatgac	nnccactgtc	240
agncanntga	tnaaancagt	tntcaatnct	aaantgctgg	anantnactg	ct	292

<210> 2399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2399

attttaagt	tgcagctcag	cccgtattta	gtgtattcac	aatgttctgc	aaccaccagc	60
ctcctgagta	gctgggtgtg	caccctgcac	ccagccagaa	gtggaatctc	ttgttggggc	120
tgggcttaga	gctggagctg	gtggccggct	ctgctcgctt	acagaattct	gtacgggttc	180
tgatttctct	cagcccatct	gtccttcact	tgcaagcatc	tgatgactgc	tgcatgtacc	240
ataaaaacat	gcaaataat	aattcttggc	tttgaggagg	tgaccctatg	aaattgactt	300

<210> 2400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2400

ctcagggat	tgaaatctga	gaccttaggc	ttctatttca	ctgaattctt	ataataccac	60
tgcaagttga	ggtatacatt	tcctgatttt	atggataaat	aaactactgt	tacaataata	120
ctgtggaaca	agcaaccaca	aaatctcaga	gtcacaacaa	tttatatttc	acttgggcac	180
ctgtaggttg	gctgtgattt	agctcatcta	agctggactc	agctgggctg	ggttccaggc	240
tctgcagtag	gtccagtgtg	tacagcacc	ttgatgtaag	taactccatc	ttagaaaaat	300

<210> 2401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2401

gatggacagt	ggcactcggg	ggcagtcacc	ataaaacaga	gactgctttg	gtgtgaccga	60
cgttgaggtc	ccacctgcc	cactgtccat	agaggccgtg	acctttcctg	cctccaggta	120
aacacataag	tgcttcccg	gctgacttcc	gatgtgtatt	aggatccag	tgagacttct	180
tgggcgatg	ctgaaaacaa	gcttaaattc	tggccccaac	aatacagagt	gagccaagac	240
gacatgacct	ccttcttcag	agaaataaat	gcctttctcc	aaagcctcta	gaactatagt	300

<210> 2402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2402

ggtgggcaaa	ggacagtccg	ccgaggtgct	cgggtggagtc	atggcagtaa	gctcataaag	60
aagcaagata	atggaatata	caaataattac	tacgacttta	tgggtggcat	accttgattc	120
ttgatccacg	tggctgtgtt	cagatctggt	tagcacacat	tgacatcagg	ggctgagcca	180
ccagtgaag	tcaaaccag	cagccctgtc	agtctacctt	ctctcttgac	ttgatccagc	240
ctcataactt	cactttccgc	aggagaaaca	cacctcttga	ggtcctctgt	cacaaatagg	300

<210> 2403

<211> 189

<212> DNA

<213> Homo sapiens

<400> 2403

cagaactcat atagtgtttg aaggaatgca aagttgcaaa gtggtacagt gtttttgtaa	60
cgtaacagtt ttttaacatat ttaaatacat acttacgatg tgacctagcc attccccctt	120
gagatatttg ctcaaaagaa attaaagcgg ccaggatggg ggctcacacc tgtagtccca	180
gcatttttg	189

<210> 2404

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2404

gggccatgta cctcccggac accctctctc cagccgacca gctcaagtcc aactgcaga	60
ccctcccaga gattgtggca aaggaagcac aggtgaaagt ggccgaggtg gagggcgagc	120
aggtggacaa caaggccaag ctggaggcca cgctgcagga ggaggcggcc atccagcagg	180
agcaccgtga gaaggagctg cagaagcgtc cggaggtggc gaaggatttt gagcccgaac	240
gtgtggtagc tgctcccaa aggccgggga ccgagccaca gccagaaatg cctgacacag	300

<210> 2405

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2405

gagaatctta tattttttaa attgtcccta tgtaaatacc agatgggtgc atcaatggaa	60
atcatcgctg ttctttaagt ggagaggatt tgaataggca gtggcaaagt ccaagtcagg	120
atttacatcc tacaatttac catgctaagg ggctgttgca atacttggct gcagtgaagc	180
gtttaccctt ggtttattgt gattatcatg gccattcccg aaagaagaat gtatttatgt	240
atggtgtcag catcaaagag acagtgtggc ataccaatga taatgcaact tcatgtgatg	300

<210> 2406

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2406

atcaggcaac tcatactgaa gagaaactct atgaatgtaa ctagtttgta aatcagctgg	60
gatttcttcc tttttatttc attcttttaa aaaatttatt ttaaggtagt acatgtagtt	120
ggaagaacta ctataaaaac aatatatgtg ggaaaacttc cagccctctg ttaattgtgt	180
gtctcaaatt tgttctggaa aagaaagggg gaaagtctat gaacgacttt tcaacctggc	240
aattccatat acaatgttaa acttgattct tatgacatat tcctatgaaa ataataaata	300

<210> 2407

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2407

cttttccatg actccaggct gtgcctctct ccatgtttgg tcccttctgt gcccatggtc	60
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aggagctatt	cgggtggcac	ctcgtctggcc	aggctctccc	gagtcgtggc	acctccacaa	120
tgtgaatttt	ctgaatccct	attccaggat	ttctgggaat	aatgtttact	tctagaatgg	180
gcctgttgta	aanccatctc	atcgagggtg	ggtaaagcca	ttggatgagg	aggggactgc	240
catggaaagg	agagtttggt	acttacgggt	ctgagaggag	gggccacata	ggaaagcccc	300

<210> 2408

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2408

ggtaaccaag	cacttcgtag	tgGCCaccaa	tcaggaggaa	gtccctgatt	gacctagctc	60
aggtcacatg	gccattctca	gtccagtcaa	tgtggccagg	cataagtgag	gggggagaat	120
agggctctga	agcagggaac	ctaaggctga	ttcacgctga	tttcctagaa	tggaattaaa	180
aggaaaaccc	caactttcca	tgcccaagta	acaaaaggat	cataagctac	ttcctttgca	240
ccccaccca	ctttttcttc	gtggcagatg	gaaaatggaa	agtactctga	ttggtccctc	300

<210> 2409

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2409

aagaggtaga	gatggaagat	tttgatgcaa	atatcgaaga	acagaaagaa	gaaaagaaag	60
atgcagagga	agaggaaagc	gaactgggtt	acattccgaa	aagcaaattg	gagatggaca	120
catctgaggc	aaagctagac	aagttggatg	gcttgaggac	tggtactaaa	aggaaacgtg	180
actgggaggc	cattgccagc	agaatggagg	attatcttca	gctccccgat	gattatgata	240
ctcgtgcttc	tgagcctggg	aagaagaggg	tcagatgggc	agacctggaa	gagaagaagg	300

<210> 2410

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2410

tctgtggttg	gaagcctgaa	tgtgaatcgc	tgcaaccaga	ccacagggca	gtgtgagtgt	60
cggccagggt	atcaggggct	tactgtgaa	acctgcaaag	agggttttta	cctaaattac	120
acttctgggc	tctgtcagcc	atgtgactgt	agtcacatg	gagctctcag	cataccgtgc	180
aacagttctg	ggaaatgcca	gtgcaaagt	gggtgtcatt	gctctatatg	tgaccgatgc	240
caagatggat	attatggctt	tagtaagaat	ggctgcttgc	cctgccaatg	caataatcgg	300

<210> 2411

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2411

gggtggtcatc	cctaccttgt	tcctaattctt	aggagagaaag	aattttgtctt	tcaatgagta	60
agtctgatgt	tacctctggg	atTTTTTggt	agatgctctt	tatgtgtttg	aggtaaattct	120
tgtctagtctc	tagttttttt	gagtgttttt	accttgaata	gggtgttgat	actttgtaga	180
tattaaaaat	actatgaagg	gagactggat	tattcttttt	tagctggaaa	tagagtagta	240
tgtgaattag	aatgataaag	tctgactgtt	gtctcaggca	tacaatactt	aaggcaccaa	300

<210> 2412

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2412

ggcctttttc	cttggttttct	tcttagtgac	agcatttttt	ggaactggaa	atatagcttc	60
tattaacagc	tttgatcttg	cctctgtcta	ttgctttctg	actgtgttca	gtccttttat	120
gatgggagcc	ctgatgatgt	ggaagatttt	aatccccctt	gttcttggtt	tgtgtgcttt	180
tgaagcagtt	cagttgacta	ctcagttatc	gtcaaaaagc	ctttttctca	ttgttctcgt	240
catatcagac	attatggctt	tgcatttttt	cttcttggtc	aaggattatg	gcagctggct	300

<210> 2413

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 2413

gtccatcttt	gtagctgaca	tgacacattt	taaaaatttc	acattaaaaat	gaaggcatct	60
aatggctcca	ttatgtcttt	tagagtggtc	tggcccagct	aattgcatat	tgaaatacat	120
tagatttgtc	ataaattact	ttcctttatt	gtcttttctg	tcaatcttag	gacattaaat	180
gtatatgttt	gaaattgtgt	ttaggttagt	tatctgagca	ttnggttcag	atanntanag	240
agagcgntat	angttcactg	tnntccccac	nggcttngcg	actgatatg		289

<210> 2414

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2414

gggcaggctt	tgagaggatc	gactgcaatt	ttgaaagaag	ttgtaccgtg	agtaaaatgc	60
gatcaaacag	cattgcatgc	ttcagagaaa	tctttcttca	caaaaggaac	aattgggtgca	120
gcaaaaattaa	ttttcttatt	ttaagaaatt	gtcagccggg	tgtgagccac	catgcccggc	180
cgacataggc	tatttttttaa	aatgcaagct	cttctgaacc	atataatatg	atgtttttaa	240
atatagactc	tgaagacaaa	gacctgggct	cagaatcagg	cccaccact	tatttttcaat	300

<210> 2415

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2415

cccaagtcag	acttttgggc	ttacaactga	taatggtctc	cacaccttca	cttctgggtg	60
ttttacatgt	agcctatcat	gagggtagag	agaaaaggca	cagaaaagaaa	ctctatgtca	120
gcccagggtac	aatggatggg	ggcctatggt	acgcttatct	tatcagcctc	attgttaaaa	180
ctgggttttga	aattggcttc	cttggttttat	tttataagct	atatgatggc	tttagtggtc	240
cctaccttat	aaagtgtgat	ttgaagcctt	gtcccaacac	tgtggactgc	ttcatctcca	300

<210> 2416

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2416

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ccgggtctag ccaacatgtg actacaactg catgaaagac cttaaagag acctactcag      60
ccaaactctt cctaagtcct gtccaaacaa aaccatgaag gataagaaat gggtattatt      120
attttaagct accacctttt ggtgtgatta ttatatgcaa taataggtag cagacactgg      180
ctttggttgg acatgtatgt tctctgcata ttctgctttt gtgcatgtgg agaaatgggc      240
tttctgggct gctgacaatg aggaggtaga gatgttgttc aggcagatgc gtttagactt      300

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<210> 2417

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2417

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agaaactact tctatgattt cagctggagt ctgaagatac ttgtttctgt tcaagtccca      60
ctttaaatta tgtcttagga gactgaaagc ggaatcttct gagcattcct agatatctgc      120
ttagaaatat catgcgataa agagggacct tcttaataca ctgatgttct tcaactaaatg      180
gatggccaca agaaaaataa agtagcatgc ctataaataa ttgaaccata aattttcatg      240
tcatgtgata ctggaatatg ggatactttt catgtttata tatatatata tatatgtcta      300

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<210> 2418

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2418

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tctagctcag ggtctctcat gaggtttcag ttatgatgtt ggcttgtact gtgtcgtctg      60
aaggcctggc tgggctgaag catctgcttc caagctcact catgtggcca ttcccagag      120
gccagtagcc ttactggctt ttggccaggg aggccttaat ttcttacata tgggcctctc      180
catagggcag catgcaactt ggcagctggg ctcccttaca gtgaatgac caagagagta      240
tgagagagtg tgccacaatg gaagccagggt atctgtttata acctcatctt agaaatgata      300

```

<210> 2419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2419

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tggaagagaa aataaaattg gcagctcact cttctgtcat ttgatcttct gtcatttgct      60
tttctgagtt ttggccctcc tgtacaatct atctggctcg gtttactttt ctccatcttc      120
aagcagggtg tgtcttcaag catgcatgtc tgtgttttga ttcggaattg atagttataa      180
tagaagcatg agctgctggg aaattatacc tcctgatttg tgtggtttta tttgttcac      240
ttgcagggtt gagtagtttt tgggtggatgt gttgggagat ttgaatgtta cttagctgtt      300

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<210> 2420

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (286)

<223> n = A, T, C or G

<400> 2420

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accaccactg cactccagcc tggacggaga gtgagattct gtcaaaaaaa aaaaaggccc      180

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nttttttttnn ngtttttngnn anntttngta atttnggnet ttttnnnaan nccccnenna 240
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<210> 2421
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2421
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 accagaaata aacttaacaa caaactctaa aacctacatg ataaaaaatg taaaacatca 180
 ttgaagaaca taaaagaagt ttggaacaat tgaagaatat gtcttcttca taactggaaa 240
 tacacagcac cataaagatg ttagtttaag gtaatttata aatttaatgt gatgataaga 300

<210> 2422
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2422
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 actcgtaaaa gccatagttg ttagaacagg atttagtact tccaaaggac agcttggtcg 180
 ttccatattg tatcccaaac caactgattt taaactctac agagatgcct acttgtttct 240
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<210> 2423
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2423
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 gttacagaat catgagcaaa taaatggctg tttctgtttt aagcttttaa attttggggg 120
 tggtttatgt gtcaataata actgaaacag ataatatata cagaataaac tttagtttta 180
 ataatctaag taaaagccca ctaattcatt atgcagaaaa aaatgatttt tttgagacgg 240
 ggtctcgctc tgttgccagg ctggagtgtc gtggcacaac catagctcac tgcagcctcc 300

<210> 2424
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2424
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 ttgaacttct cagatagagg aaccccgatg aagactgatc agttcttaca attctcaaag 180
 catggcccat aaatatgtgg gtttgcagta tcacggatca gtgacatttg aggatgtggc 240
 catagccttc tcccagcagg agtgggagag tctggactct tcccagaggg gcttgtacag 300

<210> 2425
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2425

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atcagacgaa	gagggaaaaa	taaagttgct	gcgcagaact	gtcgtaaacg	caaattggac	120
ataattttga	atrtagaaga	tgatgtatgt	aacttgcaag	caaagaagga	aactcttaag	180
agagagcaag	cacaatgtat	caaagctatt	aacataatga	aacagaaact	gcatgacctt	240
tatcatgata	tttttagtag	attaagagat	gaccaaggta	ggccagtcaa	tcccaaccac	300

<210> 2426

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2426

ctttgtccca	atattttgtga	caccagtgtg	atgacttggt	taagttgggt	tgaccaggtt	60
cctccactgt	caggttatac	tttttcattc	tgtaattaat	gtatcgctat	atattttata	120
tactttgaaa	ctgtaaacat	cttgtcctca	tcaaaccctc	acctaataat	tttagcagtc	180
attgctaatt	ttttaaactc	ccattctttc	tacatttagt	agttggcatt	ctactataag	240
gaagaatttt	ccctttttcc	ttattttgtg	atacttattt	attaatattt	attattttatt	300

<210> 2427

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2427

cctgtgtcca	ggccactttc	caacacagct	cggcagctcc	tcccataaga	gggagagtcc	60
ctctggtcac	cccttgaatc	ttggctggtc	ttgggacttg	ctctgacaaa	taggatattg	120
cagatgtgac	attacgggtc	tcctgaacct	aggcctcaag	gagccttgct	gtttctgctc	180
actctccagg	aaccctgcct	acgccatgag	gacaggccca	ggctagcctt	cggatgatga	240
gagacctgtg	gccctgctaa	gcagcagacg	tgagagatgc	catcttgagg	ctgctagctg	300

<210> 2428

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2428

agacacttta	gcaactgcct	aactatcacc	tgatggttgc	cttcctctcc	tgccctgctc	60
atgtctgctt	aactacctac	tctaacagca	gcagcagcag	gaataatagt	actctttaat	120
gataaactgc	cttgggaaggc	cttattttgt	catgcaatgt	tgaatcttca	gtttccaagt	180
ggaaaatggt	ggtcataagc	atcttccttg	ggcttggttt	ctagattata	tgtatagtct	240
ttttattttg	aagtcattca	ggaccaccgc	taagttataa	gatactacag	agaattttcca	300

<210> 2429

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2429

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ggcggcttca	accgaggcgg	cagcagcaac	cacttcagag	gtggaggcgg	cgggtggaggc	120
ggcggcaatt	tcagaggcgg	cggcagggga	ggatttgagc	gaggggggtg	ccgcggaggc	180
tttaacaaag	gccaaagacca	aggacctcca	gaacgtgtag	tcttattagg	agagttcctg	240
catccctgtg	aagatgacat	agtttgtaaa	tgtaccacag	atgaaaataa	ggtgccttat	300

<210> 2430

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2430
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 ctgtcagaag ataaatttct gttgtttctca gccatccagt ttgtgggtact ttgtaacggc 120
 agccctagga agctgatgca ggtgggattg attccccctgc tccagagaaa ggactgtttt 180
 cacagaagag gcgatgcttg aactgaatct gaagggatca atgtggcttc ccttggcaag 240
 gcatggagtg aaggtggagt atatcccaag tggggaggac agcacgtgac atggcgagcag 300

<210> 2431
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2431
 taattatagt ccttggagtt atgcagctaa ttaaagggtca aacgcagaac tttaaagacg 60
 ccttttcagg aagagattca agtattacgc ggttgccact ggctttttat tatggaatgt 120
 atgcatatgc tggttggttt tacctcaact ttgttactga agaagtagaa aacctgaaa 180
 aaaccattcc ccttgcaata tgtatatcca tggccattgt caccattggc tatgtgctga 240
 caaatgtggc ctactttacg accattaatg ctgaggagct gctgctttca aatgcagtgg 300

<210> 2432
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2432
 ctgaagtgag gttgaggtgg gtgcacggag ccccatgcc ctcagtgggt acaccagcct 60
 cccagcactt cctcatgttc accaacacgg aagcttatca gagcttggtg tttcagaact 120
 caattgccag ctcactgctg aagagattgg tgggtagggc tgaaagaaat atcagtgggt 180
 ctttgtggta ttcagcccca tcttgagatg gcctatccag gggctctata agaagtcacc 240
 tcattagcat aaactcacat gtgacaaaaa ggatcttggt atgaataaca aaagatgttc 300

<210> 2433
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2433
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 cggaatccag ccaactccac ttgtttacat atcatccctg gctgctttta tgctacaatg 120
 aagtggaggg ttgagtagtt gaaacaaaga ccttattgct tgcaaagtct gaaataaaca 180
 cactcacaca cactgattta tgtatagaat atgtatacaa atatatcttt tatttatcta 240
 tttttttgag attgagtctc gcttggtgct ctgtcgccca ggttggagtg cggtaggaag 300

<210> 2434
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2434
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 acagaacata tgacctgccc ttatgcataa gtttgattga attggaaaat cagcaagagt 120
 ggcatgaaag aacctagaaa tctgagctctg gtcaaccatc tctctattg ttcttactct 180

tgattgtaga accaaaggac aaccagcgtt gtgattcata gggctgctct tgcctctgca	240
aggggtgggcc aaacatgatt ttagtggttag gttcatcatg ggtatgccca agcgatcaga	300

<210> 2435
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2435	
ccccctgtgcc ccttccccag gaaatcaagt cctaaggaat aagagtttgt tggacagagt	60
tgagccttgg agggacacaa aacattgtaa tatctaagat ttttttcata ctctcccaga	120
aagaaccaat tttcacccctg ggggtggcggg gtggtaaaat tgcccctgtt cagaatacat	180
gctctaataa ggggcagcca tgggatttta tcctaatact gagtctagat gccaaatctt	240
tttcaccctg tctcaaaaca aacaacaaca acagcaaaaa gatcactttg gctgttttta	300

<210> 2436
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2436	
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aagtttcttt taaaattata tatatggccc aatcttgaac tatcttattt tggaagggtt	120
tatctatttt taatttatgt cctcccgctt ttctcatacc cagctccaca agaaaataca	180
gatctgcaga aaatgatttg aatgcctact ttctcactcg tccaaggatg atgctgcata	240
gctagtagca ctctagatgc ttggaagaaa agttaattca atcaacagat agtgcattag	300

<210> 2437
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n = A,T,C or G

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gtcnccttcc agncnggatn tnnnangcta nttnttaca nntaangctg tcacgantga	180
nacctngcta tcaactgtcag ctgnatatgg tcactcctatc acgacatgct atatggnccg	240
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<210> 2438
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2438	
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ttgcatatgt gatagtcaaa atatatagaa catttttaaat gaaatatgaa atttgaaaat	180
attgtcagga acaaacatgt ttctctatca caaactctaa gaaaatgact actggaaaat	240
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<210> 2439
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2439
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 actttgtgct gtattttata actattaagg aatgttgcag agaaatgcta tcaattgtta 120
 aaatcttgcc atgaatacag cagcctcact gaattctctt agtagttcta atagcttgcc 180
 atttgattct aacagggttt ctatgtaaaa gatggtgtca tcttcaaaca atgatatgtt 240
 catttcttct ctttcacctc ttaccttctt tgtgtttctt tagcattggg caggctcctc 300

<210> 2440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2440
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 tgtgtttttt gttttttaat gaaaatacag gacatggaga tgtggaaaga caccttgctt 120
 tattactgtt gttattatta ttattactac agtataattc atgtatcaca aaattcacga 180
 tttttaagca tacctttcag ttttttttac tatattccaa aagtttgcag ccagcagcac 240
 tacctaattc caaaatatatt tcataatgcc aaaaagcatg cctgcaccta tgggctgtca 300

<210> 2441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2441
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 acagccactg atgtgctctt tatgactata gttttaactc tggaagaatg tcatgtaaat 120
 ggggctctgt gttttgcagc atcatgcagc tgtaaccttt gattcagcag ataacaatgt 180
 gcatggcctc tccactcaag gtaatgcctt tcagattcat tcaagtggcc gcatctatcg 240
 gtagttcttt ctttttcatt gctgagcagt attccatcac aagggtgtac cacagtttgt 300

<210> 2442
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2442
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 cctaggggaa ggaataacat ttggagcaaa caggagacaa attgaaaagc ttcaggagga 120
 aaggctagga aataagattc tttgggcgag aataaggact ttaaagagat tccacatatt 180
 cctgggaatc tgaaagacca tacacatgcc tagggctggg catgtgctta aaaagacttg 240
 agagggccct atgctgtcac ctctgcctga cttcaggct ctgtgcaagc aggaagtga 300

<210> 2443
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2443
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 tgtcagtgcac aataacttgg aattagtcaa tgaaattctt gaagacatca ctctctaat 120

aaatgtggat	gaaaatgtgg	cagaattggt	tggatatactc	aaagaacctc	acttccagtc	180
actgttggag	gcccatgata	ttgtggcatc	aaagtgttat	gattcacctc	catcaagccc	240
agaaatgaat	aattcttcta	tcaataatca	gttattacca	gtagatgcca	ttcgtattct	300

<210> 2444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2444

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ttgcaccagt	gtactctagc	ctagacaaca	gaggaataac	ctgtctctca	agataaagaa	120
ataaattaat	taataataat	aataattcta	taagtgtaat	gaaagaggaa	agggaaatca	180
gtaataagga	aggacgtgta	tttcaggacc	attttaggaa	tcagggtggca	tattgaaggt	240
tgatgatgga	ttgagattta	gacgttcact	agggaaatat	atagggttaa	gcatatgatt	300

<210> 2445

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2445

cacccctttt	aggatttaca	ttagttctgt	tccagtaaag	gcttaggtag	gaagcacagg	60
atgtagagct	gagttgaacc	tattcccctg	atcttactaa	tgagggtgct	gatattcaga	120
gagaaccaag	gacatcccca	aagtcaacca	gcaatccatt	agagctgagc	ctagtacctt	180
gattctcaga	catgaatgct	acttggtgaa	ttgaaaattg	cattcataat	acatctcttc	240
atagattcct	ggccaggaag	ccccagagac	caaaacagtc	tttatcaata	tttagaatat	300

<210> 2446

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2446

gtgaagtgga	gatatgtgat	tgaccttggt	cttttatttg	aaatatattt	tcctatgtct	60
tcattttcct	tcactgtctg	tgggtgattta	tgtacatcag	ataagacaac	cacctctccc	120
agtctcgtca	gactgggtctc	atacaggaga	aagatctcaa	caatgtatcc	tgccagagat	180
tttaagggtc	ttctccaatc	tcaaaaacag	actgctatat	ctcctttttg	tggtccactg	240
gagcttagaa	tgtgttatgt	cctgtcagta	ccctcatgaa	tagtatggta	ggagcaagac	300

<210> 2447

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2447

ggtgtaaaga	tatccatgat	gataatgagc	tgagtatata	gttcattctt	cagtatagga	60
aattaaaatg	tgagttttatc	agaatgagta	acttaaagag	aaattgcata	tctcttttcc	120
tgcccttttta	aatgtaagaa	tctctagaaa	tattttttgt	ttaaagtagt	ggtagagctg	180
taaagtgatt	gtttttttaa	taattatttt	tagaagttgt	attttttggg	ttttttgttt	240
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<210> 2448

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2448

tgaatctgta gatcagtttg ggaaaaatta acatctcaac aatattgagt cttcaagtat	60
atgaatatct ctccactcta cttacatctt tcattttctcc cagcagtggt ttgtagtttt	120
tcgtgtatag gtcttttcaca tcttttttgt catgtttatcc ctgaatgttt ctcagtgttc	180
agttctattg taaatgggtt ccccggaacct tcagotccat ctcttccacc cagggagtcc	240
actgggctct tcttcacctt cctgcccattg acctggagcc tctccccagg cagtaagtgg	300

<210> 2449

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2449

gctatgtgct gacaaatgtg gcctacttta cgaccattaa tgctgaggag ctgctgcttt	60
caaatgcagt ggcagtgacc ttttctgagc ggctactggg aaatttctca ttagcagttc	120
cgatctttgt tgccctctcc tgctttggct ccatgaacgg tgggtgtgtt gctgtctcca	180
ggttattcta tgttgctct cgagagggtc accttccaga aatcctctcc atgattcatg	240
tccgcaagca cactcctcta ccagctgtta ttgttttgca ccctttgaca atgataatgc	300

<210> 2450

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2450

ccatgcccag ctgtaatttc ttattaggtg ccagacatta tgaattttac cttactgggt	60
gttgggtaca tttggatgtc ttttaagtatt cctgagaatt attctcaggt gcagttaggt	120
tacttatgaa tagtctaatt ctttagagtc ttgctttcaa gctctcttag ggcaggagca	180
gcctttagtt tatgactaat atggccctgg tactgagaca ctaccattct aagtacctaa	240
atacccaatg ccctgtgtag catgaggcat ttcactctgg ctgataggac tgtgaactag	300

<210> 2451

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2451

ggggccccc cgcaaactca aattccctga gcctcaagag gtgggtggaag agttgaagaa	60
gtacctgtcg tagggagatt tgggtagaag ccctcatgct gagctttgtg tccctggtga	120
tgttggaaaca ttaatgatgg aacatggcca aacttcagtc atgatcctga aaccatggct	180
tcaggatcat gactgaagtc atggtttctt cctgcccaga aatgaagggt cagttatgag	240
gcaaccctct agtaaggcat tgtaaaagtt actggatttg gtttaataaa agttgaaata	300

<210> 2452

<211> 175

<212> DNA

<213> Homo sapiens

<400> 2452

ctgaatccag tcagacttag aagtagaagc tcgcagagag gaaagtctgc gtctcttcgc	60
aatttggttc tggcgcttct ccttctaagt ctgaatccag tcagaaataa gattttttga	120
gtaacaaata aataagatca gactctgaaa aaaaaaaaaa aaaaaaaaaa aaaaac	175

<210> 2453

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2453

aggacctcca gttaaatttg aatttcagat gcctatgaat agttttcagt ataagtatgt	60
cccatgcaat acttgggata cgattgtgct gaagtgggtt tcattgtttg tctgaacttc	120
aaatttaact ggacatcctg tatttttatt tgctgtcctg caacttgggt ctgagagaga	180
gaccogagtt cttcccatc acactgtgtg ttgggcaggg catttgggcc acttgatgtt	240
ggctaggtag gttctcatct tgagaaacca aatttctgat tcccagctct gtgccggtac	300

<210> 2454

<211> 133

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (133)

<223> n = A,T,C or G

<400> 2454

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tgtgagtga cactccaggc cgttntgctg ctgatnactg gtnngaaaga tcaagcttac	120
gaanaacctt ctg	133

<210> 2455

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2455

aagagaccat catctcatca aagagagtta aaagtaggga tgttctctgc aaggcctctt	60
ctgatatgat taattgattg taaattaagt aatcaaggca tactttgttg atttgtcata	120
tctgggtaaa aggtttatgg tttatttaaat aaatgaaact gcaaaatcag ttttctacat	180
ttctgttata tttttgttaa agcacttaaa agaatttctg ctctgtccag gggcaagatt	240
cttgccaaga gaattaatgt gcgtattgag cacattaagc actctaagag ccgagatagc	300

<210> 2456

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2456

ggtcagcaat ttgctttttc tgatgagatc ctggtgagag tcatgttcaa taaagtattt	60
agtcacgtgg ggctccagtg atttctctgt ttacaagctc attccttctt cattttctca	120
gaactttggg gttaacagcc tgtttcttat ttgtaggggc tgactttgac ttagcagatg	180
cctttcgtga tggaggaaat aacgaccag cacctcttaa ttcacccaag ctgaagccaa	240
atgcgaaccc tgagcagcct ggattcattg acgagccagc accactgaac ccacccaaac	300

<210> 2457

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2457

ctcagcctgt ggccaggggt gtgtctgaag agaaatccct catgttcac aggcccaaga	60
agtacatcgt gtcacaggc tctgagcctc ccgagttggg ctatgtggac atccggacgc	120

tggtgacag	cgtgtgtcgc	tatgacctca	atgacatgga	tgctgcatgg	ctggaactga	180
ccaatgaaga	atttaaggag	atgggaatgc	ctgaactaga	tgaatacacc	atggagaggg	240
tcctagagga	atttgagcag	cgatgctacg	acaatatgaa	tcatgccata	gagactgagg	300

<210> 2458

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2458

gaaggacaaa	aatatggcta	tctgaataga	tgcagaagag	gcatttgaca	aaatctaaaa	60
tattaagtaa	agaagattat	attagtccat	tctgacatta	ctataaagaa	ctgtaggaga	120
gcagccccag	tgcttataga	taaaactccc	atctccctag	gacagagcac	ctgggggaat	180
gggcggctct	gggtgcagct	tcggcagact	taaatgttcc	tgcttgccag	ctctgaagag	240
agcagcagat	ccccagcac	agcgctcgag	ctctgctaag	ggatggactg	cctcctcaag	300

<210> 2459

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2459

tctagactct	ggtcgtcagg	aacgggtcaa	ggccttcacc	atgagaagag	caccaaaggg	60
agttaatatg	gggttgacca	gaggtaggca	aaggaaggcc	tgtgggcca	atctggccag	120
ctacctgttt	ttataaataa	agttttattg	gaacacaacc	atgctggggg	ttgtttcata	180
tttctgaggg	ctgttttcac	actgcaatgg	cagaggtgag	tggttgacac	agatgccgtc	240
tcaccaaagc	ctatgatatt	tactgtctgg	ccctatacag	aaaaagcttg	ctgacctctg	300

<210> 2460

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2460

gagatgtgtc	cagcgcccc	tgtggtgtgt	gagagaaagc	agctgcaact	caagtgacta	60
gggtgggcca	gctggcttcg	tgcaggaggg	cacgtcactg	catacgaccc	ggccaccctg	120
gttctgaagg	acagcgccaa	agatgggtta	gagtcactgc	tgtgggagtc	ttcgtcccca	180
cacagaggac	aggctgctca	gctccactgt	gcaagatgat	gcacaccag	accagtgcag	240
tcaggacgat	gctgctcacg	acagcaatgg	tgaagatgcc	taccgtggtc	ccatccttcc	300

<210> 2461

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2461

gaaaggccag	tgacatttca	gtattagtga	catccagggt	tcgttctgta	atacttcaag	60
agcgcggtga	tcgtgatctc	aatggcctcc	tctcttcaact	cgtccagctg	ctttcagccc	120
ccgaagcccg	aacactgttt	ggcttccaat	cactagtaca	gcgagagtgg	gtggcagctg	180
gacatccctt	cctgactcgg	cttgggggaa	ctggggccag	tgaagaggct	ccgggtgtttc	240
tcctcttcct	tgattgtgtc	tggcagctcc	tccagcagtt	tccagctgat	tttgaattct	300

<210> 2462

<211> 275

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 2462
 gtacttccta ggagtgggtg catttgggaa tgggaattgtt aaaacttgat gcttaggagc 60
 gaatgcagac tattcattgg gtgtttgggg tgggggaagg gggggtgntc accccatngt 120
 ccatcacctt cctcctctgn tctggntgnt aangnaagcc cttccggttc ccncaggcta 180
 tgatgctgca tggcanatnc tggtataact cannnctaca tantggaaat tttttanttt 240
 tctaaatacc natncngttt tncnncngtt acaat 275

<210> 2463
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2463
 gcggggcgca ccggaggcag tttccgttac tatggcaatg acggcagggc ctacaacaac 60
 ctttcctatg agcaaccata cccgggaaag agtgactgta gccaaagctca cattggagaa 120
 tttttatagc aacctaattt tacagcatga agagagagaa accaggcaga agaaattaga 180
 agtggccatg gaagaagaag gattagcaga tgaagagaaa aagttaccgt cgatcacaac 240
 acgctcgcaa agaaacagag ttcttacggc tcaaaaggac cagacttggc ttggatgact 300

<210> 2464
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2464
 ctccagctcat gggaatctgc ctctcactgg tcctcactgg gtttatccca gtgaccaatt 60
 ctaggatgac cagaagaatg attccactgg gcttgggagt gtttgctggg acctctaate 120
 tctgtgtaga gttcatggta cctgtgtgct ctgtggctag gtcctcagag tcagtccctg 180
 ggcaggtact gtcagccttc agttttcccc acagactgtg ttcttggggc tgaatcgctc 240
 agactacatg ttccagcgca gcgcagatgg ctccccagcc ctgaaacaga tcgaaatcaa 300

<210> 2465
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2465
 ctgccttcca acaaaatcgt ctacggggca gaggagtggg tggggcagga gttgccttat 60
 tcgctgacca gtgacaactg cgagcacttc gtgaaccatc tgcgctatgg cgtctcccgc 120
 agtgaccagg tgcattctca gctgcatcc ccttcccagg agccaggcca ctccctcagc 180
 tgccagaggc tgggtccctg ctggggccag ggtgggatgg aaatagacat gagcaagaca 240
 aaatagcaga tatgaaactg ttgtccttga ggggtgtcaca tttgggggtg ggacaagggt 300

<210> 2466
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2466
 gccatacaag agactccaga tatgcagcta gagaaactta aggaaggatg gcttatcaac 60
 gtgcattcag aaagtgggta tgattacaag aatgaagata tcccagagga attgacattg 120

tcagaaaact	tcacattaat	cgaattctca	gagatgtctc	acaacattga	aagcacaaaa	180
gatgaaatgt	tagaagctgg	tgacacagtaa	ggataaagga	gtatggcagt	tcaccaaggc	240
atggaaaaga	tgctgtctcc	atattgttaa	gttatacagt	gagaagaagg	aggcgaacat	300

<210> 2467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2467

gtaaaaaccc	tctgatgcaa	aaaaaagtat	taactttcac	aagctgtttg	tactcaaata	60
cattttctca	gtttcagatc	ctctgctgtt	ttattgagtg	gaaagttgag	ctaaaacggg	120
tcaagaagaa	taatgttgca	tttccttatg	tctcaggaaa	cactttttat	ggtaacttgt	180
cagattgtct	atgaacaaac	ccactttttt	agacattgat	aaagtcttct	tttcttcacg	240
tgatatttta	tacaagagca	cttcagatgt	attagatgtg	actgatttta	acaaatccta	300

<210> 2468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2468

ctgcgcagat	atgctagggtg	tatccacacc	aacatgaaga	cactgacctt	gtcccgctac	60
atctgcgaga	tgaccctgca	ggaataccac	tatgtccagg	agaaggcttc	caagctagct	120
gctgcctcct	tactcctggc	cctctacatg	aagaagctcg	gatactgggt	tccttctctg	180
gagcattaca	gtggctacag	tatctctgag	cttcacccct	tggtcagaca	gctgaacaaa	240
ctgctgactt	tcagttctta	cgatagtctc	aaggctgtgt	attacaagta	ttctcacccg	300

<210> 2469

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2469

gaaagcagtg	gacccatta	ataatcctgg	ccaactctcg	tagtggaact	aatatgggag	60
aagggtctgt	gggagaattt	aggatcttgt	tgaatccagt	ccaggtaact	aaagaaaaaa	120
actttttata	ttaatgtttt	cattttcccc	aaaatgcaat	gattattaat	gcttcaagtc	180
actaatcacc	tgatcatagg	aaagaataat	aattacaaaa	agatcagcca	tttaaataatg	240
tgataaaaca	ggcactcttg	tggaataata	aaatggtaca	acctctttag	aagacatctt	300

<210> 2470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2470

gagagtctca	ctctgttgct	caggttggag	tgacggcatg	tgatcatagc	tcaccgaagc	60
ctcaacctcc	tgagctcaag	tgatcctctt	gccttaacct	cccaagtagc	taggaccaca	120
ggtgggcatg	accacacctg	gctaagtttt	aaaatttttc	tgtagagggtg	gtgtctcact	180
atgttggcca	gactgggtctc	agatgcctgg	gtcagcagct	cctcctgcct	caacctccca	240
aagtgtctga	tgattgtttt	aaataggaaa	aaatttagaa	ttttataata	tcaaggcact	300

<210> 2471

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2471

ttctacttgt	ggactaattt	tggtgaccat	ctttctgtct	ctgcagtctc	ttaagcagat	60
tgactatgat	gcatgtcaca	taaaacagtt	ttctttctgt	tctattgtgg	agtttttctg	120
gggctggaga	acattctttt	gttatttcca	aacactgtct	ataattacca	gacatgatat	180
aaacacataa	ggtgccaaact	ggaatttact	ctagagggga	ctttccctct	cagacttcca	240
gtcaactcac	acttgtgcaa	caaagtgcac	gctgtccct	aaatatgcaa	gcagaactgt	300

<210> 2472

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2472

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aaacaaatat	ggattaattg	cctcaaattt	gcatanntga	ttggctanng	attcttgcnt	120
gcaganngtg	nagnngtana	gacnctatcn	gnngcangcc	gntnctnnnc	naccataaga	180
tcgtgcatta	tcctatgaca	agatgaagcc	cacagatatg	cccgagnnnc	agancacttc	240
ctgnnccct	gcgnaancng	annnagncct	ggnccgtann	ctggcntccc	tacgcgacac	300

<210> 2473

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2473

aagaccaagc	gcatgcgaac	ctctttcaag	catcaccage	tccggaccat	gaaatcctac	60
tttgccatca	accacaaccc	ggatgccaa	gacctcaagc	agcttgccca	gaaaacaggt	120
ctgacccaaa	gagttttgca	gggagaacaa	atcttggggc	attacagcca	aacatcccca	180
cgtttgaaaa	ttccctaaag	tattaaaaga	aggggaaaa	tttgatcgga	aatccactgc	240
agtgaagaca	aagacactat	taggttatga	taatcatata	ttaaaaaatt	tattaagcca	300

<210> 2474

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2474

catcgatctt	ctggtggcag	tcctccttga	agaggttgct	gatgatgttg	ctgcccagag	60
gacacaaatt	gttcttgagc	actgaggtgg	tcaaagcagt	cagtgttctt	gagcactgag	120
gtggtcaaag	cagtcagtgt	gctggagcca	cagcagtcaa	ggcctctaga	actatagtga	180
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	240
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttattttg	300

<210> 2475

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2475

ttcaggagtt	ggacgactgc	tctttggccg	gattgcagat	tatgtgcctg	gtgtgaagaa	60
ggtttatcta	caggactctt	cctttttctt	cattggctctg	atgcccata	tgattcctct	120
gtgtagcatc	tttggggccc	tcattgctgt	gtgcctcatc	atgggtctct	tcgatggatg	180
cttcatttcc	attatggctc	ccatagcctt	tgagatagtt	ggtgcccang	atgtctncca	240
ngcaatngna	nttctgctcg	gattcatgcc	tatacccatg	actgttgncc	caccattgc	300

<210> 2476

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2476

gtgtgggtca	cagacatcaa	gtactttaca	aggtaataga	atatcacaag	gcaagtggag	60
gcagggtgag	atcacgggac	cagggcgaaa	ttaaaattgc	taaatgaagt	ttcgggcacc	120
attgtcattg	ataacatctt	atcaggagac	agggttttga	gatcaaccag	tctgacaaaa	180
atttattagg	cgggaatttc	ctcttcctaa	taagcctggg	agcgctatgg	gagactgggg	240
tctatttcac	cctgcagtt	tcgacagtaa	gagacggcca	cgcccagggg	gccagttaag	300

<210> 2477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2477

gacaaagcaa	aacatcaaca	ttaagtcata	ggctaggatt	atacaaatga	gaacccccac	60
cttatacatt	acttaataa	agttaactac	aaagagcctc	tccacttaca	tttttatcat	120
gcatcttaca	ttttaatgtc	cttattcttt	tatagaaaag	gtcataatac	ccaataaaaa	180
agaatctgta	atatccctga	tgcagcaaca	attgatcaca	tgctttcaca	tgtgaccaca	240
ataggaataa	aataacagcg	taaagaaatt	tgaaagttgt	attacatcat	tattcactgg	300

<210> 2478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2478

catccatgta	acgttgatat	taaggccagc	atctgggccc	ctgtgtcaga	ttaacaagat	60
tttcttggag	tattaactaa	cactttaatt	taaaaaattg	taaaatatta	taaaaaagtt	120
tatagaaatt	atatgttata	gtcaagtgat	taaaatttaa	tagatttggt	tataagattt	180
gtgagacatt	taattggcct	catgctgtct	ttatcagggc	ttattgtttg	gggaagtaag	240
tctcctctct	caaagaataa	aggtttttgc	cttttttttg	aaatcttcga	gttatcactt	300

<210> 2479

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2479

ttcaggagtt	ggacgactgc	tctttggccg	gattgcagat	tatgtgcctg	gtgtgaagaa	60
ggtttatcta	caggactctt	cctttttctt	cattggctctg	atgtccatga	tgattcctct	120
gtgtagcatc	tttggggccc	tcattgctgt	gtgcctcatc	atgggtctct	tcgatggatg	180
cttcatttcc	attatggctc	ccatagcctt	tgagttagtt	ggtgcccagg	atgtctccca	240
agcaattgga	tttctgctcg	gattcatgtc	tatacccatg	actgttggcc	caccattgc	300

<210> 2480
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2480
 ctgtgaagac ctggaaacag acaaaaaaga gcttgccaag ctccagactg tccagctgga 60
 tgaagatatg caagacttat gaactttatt tctctctcac ctcttttttg catcagcggc 120
 aaatcttttc atgaagcccc aaggacacaa aacattttcc catttaaagg aaaacactct 180
 agttttgcaa gtatatgcat acaagagact ttagattgat ctgcatgaag atcacagtta 240
 agtatacagg agtagaactg cattattgca gcctttttgt tcacttataa atttctcttt 300

<210> 2481
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2481
 gtacccatat acacatatac acatatgtgt acccatatac acatatacac atatgtgtac 60
 ccatatacac atatacacat atgtgtaccc atatacacat atacacatat gtgtacccat 120
 atacacatat acacatatgt gtacccatat acacatatac acatgtgtac ccatatacac 180
 atatacacat gtgtacccat atacacatat acacatgtgt acccatatac acatatacac 240
 atgtgtaccc atatacacat atacgcatat gtgtacccat atacgcatat gtgtacccat 300

<210> 2482
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2482
 ggggcaaaaa aaagaagcaa gttctgaagt tcactcttga ttgcacccac cctgtagaag 60
 atggaatcat ggatgctgcc aattttgagc agtttttgca agaaaggatc aaagtgaacg 120
 gaaaagctgg gaaccttggt ggaggggtgg tgaccatcga aaggagcaag agcagctttt 180
 ccagcgcgct cgtcatttcc ggactctctg ctgcggaggg gggcaatacc agtgacaccc 240
 agtcatccag cagcgtcaac atcgtgatgg gccctcagc cagggctgcc agccaggcca 300

<210> 2483
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2483
 aattccgttg ctgtcgtca gccgcctgc acccaggtga aatagacagc catgttgctc 60
 acacaaagcc tgtttgctgg tctcttcaca ctgactcgag tgaaatttgg tgccgtgact 120
 aggatcgggg gacctccctt gggagatcaa tccccgtcc tcctacactt tgctctgtga 180
 gaaagatcca cctacaacct caggctctca gaccaaccag cccaagaaac atctcaccaa 240
 tttcaaatcc gtgatagatc acaacaagag attatgaaga gggcatggcc gccatgtcat 300

<210> 2484
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (288)

<223> n = A, T, C or G

<400> 2484

cccagctaca	tgggaggctg	aggcaggaga	atcacttgaa	cctgggaggt	ggagggttgca	60
gtgagccaag	attgcgccac	tgactgcag	cctgggcaac	ggacagtgc	tccatgtcaa	120
aaaaaaaaaa	ttaattaatt	gcctntggnt	taaacgtaaa	ancntttntt	ggancagcnt	180
aaangcntaa	aatctgtttt	tgttccagg	ggttggttaac	aggactcatt	ttttnggnct	240
ttganaggat	cccggttact	caacanaant	gaaggaggaa	tntgtaaa		288

<210> 2485

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2485

gtcagttgag	agctgttcac	ggggccctgt	ccaagtgtca	gtagaatccc	acagttcctc	60
acacagttcc	agagtcagtc	ctaggggaaa	agaggctccc	tgcttgagga	tgtttcctcc	120
ttgcacttcc	cggagaggat	gttcctgcat	aaaccatttc	cattttatta	tggaactatt	180
ctgggcgctg	ccatcccat	ttgaatgttt	ctctgacatc	atgtgagaaa	gcatgggtat	240
ttcaggtgtc	aagatcattt	tatgtccttc	agtcattagg	gatagtttca	gttaatgtcc	300

<210> 2486

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2486

ggcagatgtc	cttggagttc	taccagaaga	agaagtctcg	ctggccattc	tcagacgagt	60
gcatcccattg	ggaagtgtgg	acgggtcaagg	tgcatgtggt	agccctggcc	acggagcagg	120
agcggcagat	ctgccgggag	aagggtgggtg	agaaactctg	cgagaagatc	atcaacatcg	180
tggaggtgat	gaatcggcat	gagtacttgc	ccaagatgcc	cacacagtcg	gaggtggata	240
acgcgtttga	cacaggcttg	cgggacgtgc	agccctacct	gtacaagatc	tccttccaga	300

<210> 2487

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2487

gaagaactaa	tacagagaga	tattgtatac	attttaccta	gtttccctca	attataacat	60
ctttgcaaac	tacaatacca	tatcacaacc	aggatactga	cattgatacc	taagacaaag	120
aagataaaact	gatagatttt	taagtaactt	ttgtcttctt	tgtcagtgat	tgtcaattag	180
agagagtcag	gctatgagag	gtaggctacc	tgagtgtcag	aatgaggtaa	taagaataat	240
gcttctcctc	atctctacta	aaaatacaaa	attagctggg	tgtggtagcg	catgcctgta	300

<210> 2488

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2488

ggacagcatg	agcggcggtt	ggatggcgca	ggttggagcg	tgacgaacag	gggctctggg	60
cctggcgctg	ctgctgctgc	tgggcctcgg	actattcctg	gaggccgcgc	cgagcccgcct	120
ttccaccccg	acctctgccc	aggccgcagg	ccccagctca	ggctcgtgcc	caccacacaa	180
gttccagtg	cgcaccagtg	gcttatgcgt	gcccctcacc	tggcgctgcg	acagggactt	240
ggactgcagc	gatggcagcg	atgaggagga	gtgcaggatt	gagccatgta	cccagaaagg	300

<210> 2489
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2489
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 ggggtgggctc cttagtcaga tgcctaaaac attttgccta aagctcgatg ggttctggag 120
 gacagtgtgg cttgtcacag gcctagagtc tgagggaggg gagtgggagt cttancnntn 180
 tcttgntcta ggnttnatgg naaccanttn ttcacntttt tannatncct tgntttatnn 240
 cagttntttt ngctgtttnn ngagtntgtn tgtctatttt ttattttctt tttntgtttt 300

<210> 2490
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 2490
 aggaagatta gacactgtgg ccgagggcac gtctagaatc gaggaggcaa gcctgtgccc 60
 gaccgacaac gcggagactc ttctgatcca accgctagaa ccgcgttggg atacagcctg 120
 aactctgctg cagtgttcag antgtcacac agcccaactt tagcccgcat ctncancag 180
 gctttctacc ataccancc cacagcatct ggtatgacag actcccgggt tagctnacac 240
 ctaactccat tgcctattgn tacttgnent ttgencatnc atccnaacct tnanggtcca 300

<210> 2491
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2491
 gaaagagatc tgacctaac aactttatct tgccttaact tccaaactgc ccttagtcat 60
 tgatgggcat gggccaagct aacattggga gaaatttatt tcatagtta aatgataata 120
 gccctttcaa aaactaaatg tcctttgtta aattaatgaa aagccaccag atggggagga 180
 tgacaggggc ctgaattctg ctaagatgta ggcatagtta aatgattacc agtcattatt 240
 ctggaggtcc caatatttgc aatttcccca attacttctg taaataacat cattattata 300

<210> 2492
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2492
 ctcaactttg tacctgtgtg gtcctctttg ttagtgcaat gttgactgtt gaaaaagcag 60
 cagtatgctt acaggtttgc ttagtttggg gacaccgtta ccaccagaat ggctgctctg 120
 acaatatgcc tagggacttt ctcatggctt ttatttaata aggaggctgg gcaccctata 180
 aagcctcatg cattcacacc tttgcagcat ggtttatgcc tcagtgttat gtgcactgga 240

atgtttttcca cttcacattt ccaagtagaa atattagtgt tacggaagtg cctaatatcc 300

<210> 2493
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2493
 ggaaaagtgc caggaccctg agacatcttg ggattcctgt ggtttaggaa agacctttaa 60
 ctaccagctg gtagttgtct cagcattctt caaatagtcc ggtcttggtt aatattatta 120
 ttattattgt tatttaattt tattttattg caactgtact tagagaatag tctgggtcttg 180
 agaccttttc actgtggtct gttctggtgt acggctccca ccagtgtgaa gcagaaggat 240
 gactttgctc tgttgtcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg 300

<210> 2494
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2494
 attcctatta cagaccgaag aagtactttt caggcacact tggctccagt ggtttgtccc 60
 aaacaggtga aaatgggtct ttccaaattg tatgagaata agaaaatagc tagtgccacc 120
 cacaacatct atgctacag aatataattgt gaggataaac agaccttctt acaggattgt 180
 gaggatgatg gggaaacagc agctggtggg cgtctctctt atctcatgga gattttgaat 240
 gtgaagaatg tcatggtggt agtatcacgc tggataggag ggattctgct aggaccagat 300

<210> 2495
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 2495
 aattcaaggc ctctcgagcc tctagaacta tagtgagtcg tattacgtag atccagacat 60
 gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt 120
 tatttgtgaa atttgtgatg ctattgcttt atttgtaacc attataagct gcaataaaca 180
 agttaacaac aacaattgca ttcattttat gtttcagggt caggggaggt gtggggagg 238

<210> 2496
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2496
 cgcgacgggg gttcaggga tatttactgg gcctctccgc tccctctgct cttggagggtg 60
 ccatgaggtc agttagctac gtgcagcgcg tggcgctgga gttcagcggg agcctcttcc 120
 cgcacgcaat ctgcctcgga gacgttgata acgatacgtt aaatgaactg gtgggtgggag 180
 acaccagcgg gaaggtgtct gtgtataaaa atgatgacag tcggccatgg ctcaoctgtt 240
 cctgccaggg aatgctgact tgcgttgggg ttggagacgt gtgtaataaa ggaaagaacc 300

<210> 2497
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 2497
 atcaggtcct cagtctcttc tgacaccaga tggtaaacgg aatcccaaag gcattaagaa 60

gttctgggga	aaaatccgaa	gaactcagtc	aggaaatttc	tacactgaca	cgctggggat	120
ggcagagttt	cgacgaggtg	ggctccgggc	aaccgcaggg	ccaagactct	ctaggaccag	180
ggactccaag	ggacagaaaa	gtgacgcaa	tgcccccttt	gccagtgga	gcacagagcg	240
tgtgtgtgca	tggctggagg	actttggcct	ggctcagtat	gtgatctttg	ccaggcagtg	300

<210> 2498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2498

acaaggacaa	gaaagaaagt	acggttgcaa	cggtctggctc	gcatgcatgc	cgacatgatg	60
gaggatgttg	aggaagtata	tgccggagac	atctgtgcat	tgtttggcat	tgactgtgct	120
agtggagaca	cattcacaga	caaagccaac	agcggccttt	ctatggagtc	aattcatgtt	180
cctgatcctg	tcatttcaat	agcaatgaag	ccttctaaca	agaacgatct	ggaaaaattt	240
tcaaaaggta	ttggcaggtt	tacaagagaa	gatccccacat	ttaaagtata	ctttgacact	300

<210> 2499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2499

ccgagctgac	aagtcaactc	taagcactta	tctagaagac	tgtaaatttg	acagagagcg	60
aatagaactg	ttttgcacgg	aatatcagaa	taataagaat	tccctagaaa	tcctactggg	120
aagtataggc	agatctctcc	ctcatataac	ggatgtttct	tggcgcttgg	aatatcagat	180
aaagaccaat	caacttcata	ggatgtacag	acctgcatat	ttggtgacct	taagtgtaca	240
gaacactgat	tccccatcct	atccagagat	tagttttagt	tgcagcatgg	aacaattaca	300

<210> 2500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2500

taaagacata	agtaccacat	taaatgctga	tgaagctgtt	gcaagaggat	gtgcggttaca	60
gtgtgcgatt	ctctcaccag	catttaaagt	gcgtgaattt	tccataacag	accttggtcc	120
ctattcaatc	acattaaggt	ggaagacctc	ttttgaagat	ggaagtgggg	aatgtgaagt	180
tttctgtaag	aaccatcctg	ccccattctc	aaaagtcatt	actttccaca	agaaggaacc	240
atttgaacta	gaagcatttt	atactaattt	acatgaagtg	ccttatcctg	atgcaagaat	300

<210> 2501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2501

agcatgccct	aaagagggac	cagctgtagt	aggtcagttt	attcaagatg	tcaagaactc	60
aagggtctaca	gattccattc	gtctcttagc	tctactttct	cttgagagaag	ttgggcatca	120
tattgactta	agtggacagt	tggaaactaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatcag	ctgcataccta	tgcattagga	agcattagtg	tgggcaacct	240
tcttgaatat	ctgccgtttg	tcttgcaaga	aataactagt	caacccaaaa	ggcagtatct	300

<210> 2502

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2502

gacacattaa aagagagata tcaaaaaaatt ggtgacacca aaaggaatac tcccattgaa	60
gctctctgtg agaactttcc agaggagatg gcaacctacc ttogatatgt caggcgactg	120
gacttctttg aaaaacctga ttatgagtat ttacggaccc tcttcacaga cctctttgaa	180
aagaaaggct acacctttga ctatgcctat gattgggttg ggagacctat tcctactcca	240
gtagggtcag ttcacgtaga ttctggtgca tctgcaataa ctogagaaag ccacacacat	300

<210> 2503

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2503

aggntnnttc naanagccag gctcttggtc tttttgcagg atcccatcga ttcggtgac	60
tacttggaag cttgtgtagt atctgtgttg cagatccatg tgaccagcc cctggggat	120
atcctggtgt tcctgacagg acaggaggag attgaggctg cctgtgagat gctccaggat	180
cgtgcccgc gcctgggctc caaaatccgg gagctcctgg tgctgccc attatgccaat	240
ctgccctctg acatgcaggc ccgtatcttc cagcccacac cacctggggc acgaaagggtg	300
gttggtggcaa cgaacattgc tgagacatca ctcaccattg agggcatcat ttatgtgctg	360
gateccaggg tctgttaagca gaagagctac aacccccgca caggcatgga atcgctcact	420
gtcacaccct gcagcaaggc ctcagccaat cagcgagctg gcagggcang tcgggtggct	480
gcagggaant gcttnccct gtataccgcc tgggcctatc aacacgagct tgaggaaacc	540
acagtgcctg agatccagan gaccaacttg ggcaatgtcg tgttgctgct caagaactta	600
nggatccatg acctaatgca ctttgatttc ctggaccctt caccatata gaacacttgt	660
tgctggcttt tggancaact tgtatgctct nggaaccctt taancacctt ggggagctta	720
ccacgtnttg tccaaaagat ggcanaactt gccggtgga	759

<210> 2504

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 2504

gnaggnnnnn tttnnngggn tntatgcagc tcttgtcttn tgcaggatcc ctcgattcgt	60
ttgaatatgg actatagttt agataatagt cttaggtaat agttaaatgt cctgggtttg	120
attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt	180
atthagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata	240
tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa	300
caattggtgg gccaggatg gnggggtggc catgcctgta atcccagccc tntgggaggc	360
tgaggaggta ggattccttg agcccagcag tttgagacca gcctgggaaa catagggaga	420
cgctgtctct ataaaaaata ataattcaat ttanaaaaaa ttgatgaana taggtgaagg	480
gtatatgacc tttcactaca ctatncttga aatntctctg aangtttgaa atttatcaaa	540
atataaaaaat tgagaaaaaa ttttcaaact gccacagtca ataattgaat ttctcagcct	600
gcacagtggc tcatgcctgt aatcccgcac ttttgggang ccaaggcggg cagatcactt	660

gaggtcagga attcaagacc agcctggcca acatggcgaa ccctgctntc caaaaacccaa 720
aaatt 725

<210> 2505
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 2505
tttnaatata ggctacttgt tcttttttgc ggatccctcg attcgctgaa ttgtatcctt 60
gaaaaatgct atgtttggaat cttaatcccc aggacctcag aatgtgacct tacttattaa 120
aaacaggggtc tttacagagg tgttgaggtt acagtaaggt cattaggggtg ggccctaatac 180
cagcatgact gatgtcctta aaaggggggac tttggagaga aaaacatgct caaggaagag 240
gatgtgaagg ctacgtgaag agactggagt gatgtgtctg caagccaaag aacacccaaaa 300
atcgtcagcc accacctgaa gctggaagag gaaaggaaaag atcttcccta gggccttcag 360
agggaacacg gccttgatct cagacttccc ctctaagaac tgtgggagaa tcagcatctt 420
ttgttttaagc ctcccatgtt gtggtcttta ttgtggcagc ctgagcaaac acagtggcta 480
aggaaactaa tttcaatcag agacaatatt caaaattcag cactggatat tggcaggact 540
aggcactaac cagtcagaag agatgacagc tttgaactac tcacacaggt gggccactgt 600
gggggcacaga gatgatgtat tggnaaccag gagtcacata ggacgatggc tcaatgacat 660
gagaaaaacag ggttggangg aaggaactta agaatgctca ataccttgna aatgggnaca 720
aaagaaagat tanttagatc cn 742

<210> 2506
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 2506
gaggggggnt tnaagaccct tgctacttgn cttttttgcag gatccctcga ttogaattcg 60
gcacgagcct gcctcccatt ctatgcaaag tcatccctcc gtgcactgag ataaatgctt 120
atctaattgc ctccctttgga gaggtcatc agaaactcaa aataatgcaa ccatttgact 180
ctcacctacc tgtgacctgg aagatccctc tctgcttgag ttgtcctgct tttctggatg 240
gaaccaatgt tcatcttaca tatattgatt gatgtctcat gtctccctaa aatgtataaa 300
accaagctgt gccctgacca ccttgggcac atgtcgtcag gacctcctga ggctgtgcca 360
caggcatgca gcctcaacct tggcaaaaata aacttttctaa attgactgag accagtctca 420
gatattcagg gttcacagta tccaaaaatc caatcacatc tgaaaccgcc tttgcaaaaa 480
ttatcacagt gagaaaataa tggcagtga agaaagctga tctagccaac ctccctcttg 540
ccttttagctt tcaagctgct tttacttatt cctgggttta agccaagcta catgtgggag 600
tcatttagtt gatagtttaa attataataa ccctttcccc aaacttaacc acccttgtaa 660
tactgagaga ccaccaggct aggagganga nangagccta aattctgcta aggggtagac 720
aaaaacaatt gtgangcgtt tttcaaaagc cc 752

<210> 2507
<211> 733
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2507

```

nnngggnggt ttanacag ctcttggtt tgcggaccct cgattcgaat tgggcacgag      60
aagaggaagg taagtagata aatagggaag taaaccagggt ttctaattca tgggtgaatc    120
cgagagaata ggtatcagat tagggattac aaaatgtagc atgggtacta aatatcagta    180
caaagcagcc acaataatat tgatttatgg atttaagtaa cccgaccaa ccttgatgta    240
tctcatcatg ttgaatttct gctccagata ataaagtatt gtttgatctt gtgcattggc    300
cttttatttt tcagaatgat tcaaaggatg gctttgggga ttcactgtaa gattttttgt    360
catctaaatt atacttgagg tggagaggca taatttaaac aacttcatag gcaaagaaaa    420
gagctataca cagcagatcc tggattagga aaataaatac gttttattat tcagaacatg    480
cttttatgaa ctctttttta aaaattgcaa gccttgccagt gagctgagat tgcaccactg    540
cactccacct ggatgacaga gaaagacttc gtctccagaa aaaaaaatg aactccagta    600
cagataaccc ccgcgggggc ggagatttct accttctgcc ttactcccat cagaagaatc    660
gagtttatgc atcacagtna catgtcactg gccttcagcc cccggcccat ccgtcacctt    720
gctgngtctg gag                                           733

```

<210> 2508

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2508

```

gnggnggntt naaatanaca ngctacttgg ctttttgcag gatcccatcg attcgaattc      60
ggcacgagct ggtcaggggt tgactcagga agctgagttc cagcttggtt ccttggcagc    120
actgccaaag agttagacca agctgcagct tttgaggtga aaggggatgg aagaaagtac    180
tgttactttt ccacttagaa tttttggact ttgttcttaa tgaatagggt cattttcaat    240
ttcaaagcaa agtggttaaca tttttgaaat ttgtctcaat tctaaaggcc aaacttaaat    300
atgtctcttc ctactggggc atggagcaag ttattcatca aatacagatt ctgcgatgga    360
aaagaaagct aggatagtgt gtcgctgctg ctctgtggca aagaacagct cctttctaag    420
caacagcttc actctactag aataggctctg agcgcgccca ttcattggctg attgcaactt    480
ccactgggtg ggatttcaga tctagaatct gttttcagat gccttaaaga gaagacatag    540
aaacacattc ttaacagttt caggggagat agttgggata gtttgtagtt ttgcttaagt    600
tatatgtgtc tgntttctgc ttttggtggt aacngactaa cccttaattt ggggtggttag    660
agaantgatg ggaagacctn aagaaagctc anatgacatt tggctttgct ttaaattgtgt    720
agttttctct cacaaggcta gtcagaaaaat                                           750

```

<210> 2509

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2509

```

gnnggggtntt tananccagn ctctgttctt ttgcaggatc cctcgattcg aattcggcac      60
gaggtggcat ttgatgctgt gggttggagc ccagcttttg ggtcagacac acctgggttt      120
gaatcacatt gctgcccctt ccaggctcac atcattttat ttcttttttc tttttcttn      180
ttttttttt tttgaggcag gagaattgct tgaacccaag aggcggagggt tgtggtgagc      240
cgagattgca cctttgtctc cagcctgggc aacgagcaaa aaactctgtc tcaaaaaaaaa      300
aaaannnaag aaaaagaaaa atggcttcca ggacagagca tgctcatttg ctggcggaca      360
gttcagaaaa cagaccctgt tagtccttct acttacctgc tggatttttc aagccctaaa      420
tttataactt tttgaaacaa aataatgngt aattttccat ttgggggcaa actctattct      480
tgngagcatt attaaaatct tggttggtta atatatggc tttctcttaa tattgctctg      540
ggtcaggaag aagctgttca cgggtgtgata atactcttta gatgggcttt cattattata      600
gatgcatcat gtcttctgct ttcacgtgtc tggggatggg gtcaaaaatg catccttcag      660
ctgacagaaa aatccaggat gagatccgaa ggatactggg gtttctgact tttccaaaat      720
acttggtnng tttcattaaa aaaaaa                                     745

```

<210> 2510

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2510

```

cttggctttt tgcaggatcc catcgattcg aattcggcac gagcagagct tagacatcca      60
aaactaatca atgctgagggt ggctaaatac ctagcctttt acatgtaaac ctgtctgcaa      120
aattagcttt tttaaaaaaaa aaaaaaattg ggggggttaa tttatcattc agaaatcttg      180
cattttcaaa aattcagtgc aagcgccagg cgattttgtgt ctaaggatac gattttgaac      240
catatgggca gtgtcaaaaat atgaaacaac tgtttccaca cttgcacctg atcaagagca      300
gtgcttctcc atttgttttg cagagaaaatg tttttcattt cccgtgtgtt tccatttcct      360
tctgaaattc tgatttttatt cattttttta ggctcctctt tatctccttt cttaaggcac      420
tgttgctatg gcacttttct ataacccttt cattcctgtg tacagtagct taaaattgca      480
gtgattgagc ataaccctact tgtttgnata aattattgaa atccatttgc accctgtaag      540
aatggactta aaagtactgc tggacaggca tgtgtgctca aaggacattg attgctcaaa      600
ttttaaggaa atgggnccaa tgaaccgtng gttgtgggga aggggaaaga ngaaaccnga      660
gcttggctcan aatgtggaaa tnggatctgg tggnaataaa catgttttaa accaanccnn      720
nnnnanaaaa aaaagncctt tttta                                     745

```

<210> 2511

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2511

```

nggtntttta nanncaggct cttgtctttt gcaggatccc togattcgaa ttccggcacga      60
ggtaaaacat gtaatttgga catgcaagac aatgctgctg ccaactaaca ttgcattgat      120
tcattaagat gttatttttg aggtgttcct ggtctttcac tgacaattcc aacattcttt      180
acttacagtg gaccaatgga taagtctatg catctataat aaactataaa aaatgggagt      240
acccatgggt aggatatagc tatgccttta tggtaagat tagaatatat gatccataaa      300

```

```

aatttaaagt gagaggcatg gttagtgtgt gatacaataa aaagtaattg tttggtagtt      360
gtaactgcta ataaaaccag tgactagaat ataaggaggg taaaaaggac aagatagatt      420
aatagcctaa ataaagagaa aagcctgatg cctttaaaaa aaatgaaaca ctttggatgt      480
attacttagg ccaaaatctg gcctggattt atgctataat atatattttc atgttaagtt      540
gtatattttt cagaaattat aaatattatt aattttaaatt ttgaatttgt gtttgactaa      600
caacctcgat gggatccttct tcaaccttcc attaagatcc ctgcagnaag aaaatnggaa      660
aatattcaaa tanttgcaaa ggtggtaaat tggngaagac caacttaatt attaataccg      720
tggttnaagg tttcttactt gggaccccca ttggnaaatg gganttaaag aaaaaa      775

```

<210> 2512

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 2512

```

ggtangnatg ggggtttttnc agcacttggt agttttgcag gatcccttga ttcgaattcg      60
gcacgagcct gcatgcnnntg ntgcnnagtg nntgangnct gaaactcngg tatnnncncat    120
angnctgtga ncantgatca ntagggacnt aagatncata tnntgctgct ngnnactgaa      180
nnnctgtgg ngntntagnng nngntgtatn cctcngngga nantntccan ncatngtggc      240
aggcacctnt agtcccagct actcgggagg catnaggcaa nagantggcg tgaacctggn      300
aggtggagct tgnagtgaag ccaagatcnt gccactgcac ttcagcctgg gtgcagatga      360
gactccgnct taaaaanaaa cagaaaatac gctcaatnan taatacattt ctgcccaga      420
taagagnctt cccttttgtg gaatggntat gaaaaatatt ttnaagannn ttttttaatt      480
aaccaatant gtcttgatta cttnnncctt tcatattgcct ggatcatcat ntnaatngnc      540
cttgggaaat gtgatgaaaa anggtaancc ctttggntat ggaatanng cntagatgan      600
cattingaatt ttaggggana agactattgn ttnggggaaan cttgtaactt ncttttttgg      660
cntnnaaaaa ttgtcnnagg gttttanaaa aaaaantttt ggattggntt ccgttgngtn      720
attactngna aatnctanna actttcggnt agggcccannt tttaatgaat tttttntanc      780
ccctntannt ttcntaanct aanncttgtc aaanaaaan t      821

```

<210> 2513

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 2513

```

ggtangnatg ggggtttttnc agcacttggt agttttgcag gatcccttga ttcgaattcg      60
gcacgagcct gcatgcnnntg ntgcnnagtg nntgangnct gaaactcngg tatnnncncat    120
angnctgtga ncantgatca ntagggacnt aagatncata tnntgctgct ngnnactgaa      180
nnnctgtgg ngntntagnng nngntgtatn cctcngngga nantntccan ncatngtggc      240
aggcacctnt agtcccagct actcgggagg catnaggcaa nagantggcg tgaacctggn      300
aggtggagct tgnagtgaag ccaagatcnt gccactgcac ttcagcctgg gtgcagatga      360
gactccgnct taaaaanaaa cagaaaatac gctcaatnan taatacattt ctgcccaga      420
taagagnctt cccttttgtg gaatggntat gaaaaatatt ttnaagannn ttttttaatt      480
aaccaatant gtcttgatta cttnnncctt tcatattgcct ggatcatcat ntnaatngnc      540
cttgggaaat gtgatgaaaa anggtaancc ctttggntat ggaatanng cntagatgan      600

```

cattngaatt	ttaggggana	agactattgn	ttnggggaaan	cttgtaactt	ncttttttgg	660
cntnnaaaaa	ttgtcnnagg	gttttanaaa	aaaaantttt	ggattggntt	ccgttgngtn	720
attactngna	aatnctanna	actttcggnt	agggccann	tttaaatgaat	ttttntanc	780
ccctntannt	ttcntaanct	aanncttgtc	aaanaaaan	t		821

<210> 2514

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2514

nggttttaga	tcagctactt	gttctttttg	caggatccca	tcgattcgtc	caaccctggc	60
gatgtcacca	gcatggtggc	tcagggttaga	gctctctgag	gacccagcat	agagcactgg	120
tgccagggac	caaactgaga	ccccaccacc	gtcatcaaca	cttacatacc	ataaaggctc	180
tcagagtgcc	ttggccctag	acctcccttc	attctttgta	gagatggaat	ctaagaatga	240
aacatctcca	ctcagtcctg	caaatatgga	agttcttgag	ataccttttt	ttggtagata	300
cttgtgctgg	tattctgaga	gtcactttac	tctgatgggt	tgcaagattc	ctaaaatcaa	360
ctccagagct	tacaagacag	gtttgagaga	gggagaaagg	aaaaccaact	tactggcccc	420
catgccatct	tttcccgttt	agccattggg	aggctgggct	gcacctctgt	caagtgtcct	480
catggtatct	tctctgttcc	tctcctcagg	ccatgggtgt	atatggagcc	ctcaccacaaa	540
gccccagtgc	cagggactnc	agactcactc	ttcagtggga	gcagcagaga	tgctccagggt	600
acagatgcaa	gtcttgatga	ggaacttgat	cgagtcaaga	tgagttantg	gaactgggct	660
tggccaggga	gtctggggac	aaggaagcag	atttcctgat	tctggctcta	ctttcctgcc	720
aagatttggn	tttaattttt	aattgga				747

<210> 2515

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2515

gntnggttaa	nccagctctt	gtgctttgca	ggatcccatc	gttcgaatnc	gnctngagag	60
acagantnct	gantggaggg	gntgaaactt	cnnagggnga	cagagctgtn	cnagnctgn	120
gngctgcnta	tgagcactgg	gttcccngag	anaagatcct	cncnactaat	actgggtctt	180
cagagctttg	caanntggcn	ncaantgctt	ttcttgccca	nagaataanc	agcatnaact	240
ccatangngc	tctgngtgaa	gcancangag	ctgatgtata	ncangtagcn	ncagcnattg	300
gaatggacca	tanaatngga	aacaagtttc	taaanccann	gtagggntag	gtgggagctg	360
ttancnaacg	gatgntctga	attaggatna	tctntgtgan	gctctgaatt	gccanaatnc	420
nctcgttatt	ggcancaggt	natagacatg	antgactacc	ataggangag	gttcgcttnc	480
cggatcatag	atagcctgtc	taatacctaa	ctgattanaa	gacacctatc	tggtgattngc	540
attcaaaann	gacactgggtg	attcaagaga	atcttctagt	atatacttta	gcacatattn	600
cgatggatga	aggtgcacat	tnacntatnt	atgaatccan	aagtnccctn	ggaacaantn	660
gtngnggatc	ttgnctatca	agtgttttag	aggatgacca	attntnccgg	cttggnggacc	720
atttcnaagn	ntccttttga	agcnng				746

<210> 2516

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2516

gntnggntcn agancagcta cttgtttcttt tgcaggatcc ctogattcga attcggcacg	60
agcctgcagc cactaatgca ttgtgtatga taacaaaaac tctgggtatga cacatcttct	120
gtgatcattg ttaattagtg acatagtaac atctgtagca gctgggttagt aaacctcatg	180
tgggggtggg gtgggggtgt attccttggg ggatgggttg ggccgaatgg ggagtggat	240
atgtgacatt tttcctgttt taaattctag gatagatttt aacatccttt gcgggtcccag	300
tccaaggtag gctgggtgtca tagtcttctc actcctaate catgaccact gtttttttcc	360
tatttatatc accaggtagc ccactgagtt aatattttaag ttgtcaatag ataagtgtcc	420
ctgtttttgtg gcataatata actgaatttc atgagaagat ttattccacc aggggtatct	480
cagctttgaa accaaatctg tgtatctaact actaaccaat ctgttggatg tgggttttaa	540
aaaatgtttg ctaactaccc aagtnagatt tactggatta aatggccctt cgggtctgaa	600
aaagcttttt taacttcttn gcttaaaaatg ccgtttaatt ttgataagat ncttnaaatn	660
gcctccaaaa gtgttananc caatcatttn aaataaacn ggntgtatat tgcattatgt	720
gtacatgcnt atncccttct gggttaaaact naaaaaaaaaa t	761

<210> 2517
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2517

nggntctata gcanctact tgttcttttt gcaggatccc atcgattcga attcggcacg	60
agctgggggt cctgcagtgc ccgccttctt agctcagggc ctttgcatag gctgttcctc	120
tgctgggtg ctttctctgc tacttcccggt ggctgcattt gcttaactta ctcttctgat	180
ttcagtctca atgctgcttc cttaggggta agccttctct gacctacat tctgtagaga	240
tacccccatt ctgccattct ctcttttgtg gcctgggttt cacttgtaac taagtcatta	300
tcctgtatt tggtttgctt agtacatgtc tgtcctcaag caggggctgg cttcaggctg	360
ctgacctgctc tcaactgctc ttctcaccgg ctctggctg tggcttctcc tcgaggctgg	420
tgctgcacgg ggccggcagt gcatggccat gtctccttgt cagcgtccta cttacaagtt	480
gaggaagccc acagccagga agtgacttgt ccagggtcac aggggaatgtg gagagagaat	540
aagaaggctc tggcttctan ggganggang cttataactc tacactttcc tggccaggat	600
caccagggtc tgttggggaa cacataagtc cctgcctgga tggtaaccct tttgccttct	660
tccaaatgtt caatgcctgg aanacggtgg cctgccgggg gaccaaggac caacttttta	720
tgaggaaaa anccccggaa cttctgggcc	750

<210> 2518
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2518

```

ggngggntcn aaagccangc tcttggcttt tgcaggatcc ctcgattcga attcggcacg      60
agctacccta cagatattga atgcaccttg agataattta gtgtttttaaa ctgatacata      120
atztatcaag cagtacatga aagtgttaata ataaaatgtc tatgtatctt tagttacatt      180
caaatattgta actttataaaa catgtttttat gcttgaggaa atttttaagg tggtagtata      240
aatggaaaact ttttgaagta gaccggatat gggctacttg tgactagact tttaaacttt      300
gctctttcaa gcagaagcct ggtttctggg agaacactgc acagcgattt ctttcccagg      360
atttacacaa ctttaaaggg aagataaatg aacatcagat ttctaggtat agaactatgt      420
tattgaaagg aaaaggaaaa ctggtgtttg tttcttagac tcatgaaata aaaaattatg      480
aaggcaatga aaaataaatt gaaaattaaa gtcagatgag aataggaata atactttgcc      540
acttctgcat tatttagaaa cataccgtta ttgtacattt gtaaaccatt tactgtctgg      600
gcaatagtga ctccgtttta taaaagcttt ccgtagtgca ttggtatgga ttaaatgcnt      660
taaaatattc ttagactcga tgctgnataa aatattatgg gaaaaaaaaa aaaatccgta      720
ttttgntctt naacttttat tgaagttttt                                     749

```

<210> 2519

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 2519

```

gngtggnnnn nntttctnaa atagcgctct tgtcttntgc aggatcccat cgattcgaat      60
tcggcacgag gaaggggttt aaaaaggaaa aggtgtggaa gagatgcagg agtggtgcag      120
gtctgaatgt cttgtttgtga tagttatatt gagtaattgc ccatctggag gtatggtttg      180
tgtcatcttg acttcagctg ggtaatgcta ggctaactgt tcgaaactcc ccccatgcaa      240
gaggagtctg caactccatc tctgcttggg ttgtttcaaa actggccctt gaaatttcta      300
agcaagtaag taattagata agtgaacact gtatcatggg atgcctgggt ggaaagggag      360
aaactaaggg tttcaaagta tgcttccagg ctgaaagcaa aaaggaaaaa aaaatgttct      420
aaattgcatt ttgagggttg gatactcggg ctatgaaaag tgatgaatta gcttctctat      480
tagtaagact ttataacatc tatatgnttt taaaattttt acttatttat tgggtaaaag      540
aagcatttaa atgtggccaa gggtnttga caaagttctt angtaaccaa tggttagggaa      600
naatgacttt ttggggcaac tttttgggaa aaattgacct tgcttaaaaa gccaaatttg      660
gttaanncna cccccaaccc ttgacaangg gtttengnaa ntnnatnggg ggccccccca      720
aangnggaa accttggggg tcccaaagaa accttccctt gggggccctt tgggncttan      780
cccantnaaa ttgggc                                     796

```

<210> 2520

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(979)

<223> n = A,T,C or G

<400> 2520

```

gngnagnnnn nttnnngnn gcngngnnnn ngnnngnttt ttngatcage tcttgttctt      60

```



```

tttgcaggat cccatcgatt cgcacactcc aggctgagaa aagagtaatt aggaggcctg      120
aggagggggc cgaggaaagg ctggtggggg gtgctggggg tggtagccga gcgccttccc      180
ctcacctcaa ccagagaaga gcntccggtt gctttttaaa gcttttagcc tgccctanca      240
aggacaaagc atgttagatt agagatgctt ctgctgatcg caggggttct tatttgaaaa      300
catctatgat gggggtgggg tggaaaggaac aggttgtggt tntgcaggaa annntgnnct      360
aaaaattntg antnngnggg tagnnnnnnn natnnnnnnn nnnnnnnnnn nnnnnnnnnn      420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngnnnnn nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      979

```

<210> 2521

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2521

```

gcggtcnatg ctgctcttgt tctttntgca ggatccctcg attcgaattc ggcacgaggt      60
gtgagttgca tataacatat ataaaagctg taacctggga aaaagttatt atctggaagc      120
tttagaaatt aatgttattc tttcttaagt atcatcagga aattaatcaa aatggccacc      180
ttgataccaa aaataagggt ttggggcata acatccttat gaattcaa atgtagtcatt      240
tcacatatct tccactttat ttcattaagt ccttcctagt agacactgtt caaacattat      300
tcaccattta ctaatgctgt tacaacatta ttttagaaga tggatatgga tagctgttct      360
agctttttaa gttttcagt taaagcacca tgtgctaaac attggccagg atattctgta      420
tgaaatggct ttagttacag gctgtctga caacagtttt catcagaaaa gtatgcttat      480
tttcctttct tttagaaaat ttggctgaaa gcaatttttg caaagtcagc atagccttaa      540
gtgtcacatg agaaagatgg aattgaagt gctgttaggt agacctgacc tgggtatggt      600
gactgtggtg acatgagtcc tttggaggac acagcgtctc tncagcatct ctcttctgag      660
ggtcactctc ttttgtaggg gcttaccctc ttgncaatgc tacacacaaa aaaaaa      715

```

<210> 2522

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2522

```

gnggttttnt cttgngcagg atccctcgat tcgaattcgg cacgagcccc tctccacatt      60
gacctctaga agtgggectg tccaactcct aagtcancn ttcccacacc gggcagaaag      120
ctttttactg gcccggttgc tcccgggtga ggcctaaaca cttgatgatg atgaagatga      180
atatnggatg atggtagcca tcacacagnn ttccentgt aaccctncca acaacctgac      240

```

anggcaaata	gtntcaccat	cctcnttttg	caaataaaaa	gctgatggct	canagaantt	300
aaatgacttg	cccaaggtga	ctgagccant	angccacana	caggctccaa	atcccantct	360
ggaccgattg	gatgggcatt	cctgggtggg	cgggtccct	ctctggcaag	gctgtcatgc	420
tccccagtg	ccctggcttc	agctntggct	ggatcagtaa	aganccaagt	cgaagatcaa	480
gtcagggaaa	actcatgttt	tgnggctaag	aantattgct	acccttaatc	tcttcacttt	540
ctcttnagct	ncatgaagga	gcattttaact	tttngaagga	gtcattttcc	acaaaggaaa	600
cagttcttaa	aaatnctgng	gggttgggct	cactggctna	cacctggatt	tccagcactt	660
caggangcca	agatgcagat	cactcgagcc	ttaanaagtt	caagaacagn	cccgggtaac	720
gtggca						726

<210> 2523

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (868)

<223> n = A,T,C or G

<400> 2523

ggcnggtctt	gcctttttgc	aggatcccat	cgattcgaat	tgggcacgag	ggccagtagg	60
tgctaagggtg	gacaccaccc	cttcttccct	ntncagaccc	atcccaccac	cgtggntttg	120
nccnttcena	gctgcntaat	cactggacca	cctgggnatta	cnngngtgan	ccancacaac	180
ngtcctgtac	nctatgntgg	atncctantt	agatntcctg	nctntntgga	tannnnanna	240
cntnancaga	cnatgaacng	tntgnacata	ttatatnaca	tgnangatgg	ttgtganacn	300
nttngtacng	tagaagtgtc	tcttctgagc	ccattgnntc	nttccnagat	atanntngga	360
cntgatatttg	acttgcattc	agcattntan	aanactttta	cagttgatgn	nactnattac	420
cnancgnact	gctnnntcat	tncaaatnat	tattcagggt	accnaagggt	atttttctaa	480
accattgtan	tttataaaatc	caaggggaaa	tttccccntt	ccctnnntnt	tnttngaaat	540
nttggnggcc	nanngaaaant	tttnanaana	aaccaatggg	ctttaaaaaa	aatggggccn	600
ttaaggatta	ttaanccgng	nttnattttc	caancagnag	ggaataaaaa	ctgccanatg	660
nggcccaatn	nanaccntg	atnaaagggt	ggtangtatg	cctnggggat	tnaggagggga	720
tttaanttcc	ctttgttttn	ccaccncttn	ttggnaaacc	cnncgggta	aananggnnt	780
tannttgggg	tnnnnggntt	annncncttt	tnaacntnna	ntnnnnnggt	ncttcccgtt	840
gnatcctnan	cttgatnnga	ncccatte				868

<210> 2524

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 2524

gnagnnnnnn	nttttnnagg	ngcgtctctg	tctttntgca	ggatccctcg	attcgaattc	60
ggcacgagggt	ttctaagcac	ttcctgtatt	gcataatcaac	tcatttaatc	ctcacagcaa	120
tgtgagatac	atactatcct	ccccatttta	taattgaggg	aactgaagca	tagacaggtt	180
acatagctgg	tgactggcag	atgaattgac	ttagccgtgg	tctgcagggt	gatgagtggc	240
agcactgtgc	tcttatcacc	agctcttgag	cgtgctgcat	cctctcattt	gtcgttggtc	300
tcccctagtg	ttcagtactg	tgccttgcac	gtgtttatac	tcagtagctt	ttgaatgaca	360
gacttacatt	gcaaatacaa	cagatttcca	tgtcttatta	gaaactgctt	ttcttgaatt	420
actacatgta	acttgaagga	ttgggtgaata	tttacagttg	ttgaaataca	aaaacagggtg	480

gctgaactta	gaaaccacca	agtggcaggt	gactttgcct	gacatccgtg	ttcacagacc	540
tncacagccc	ctgggtgaaaa	ccactttcttc	atgtcccacg	tccatctaata	tacatgtgtt	600
atTTTTtgnC	atttgcagag	tcaacgggtt	caggaaaagt	tgaagaaaag	tgaattacat	660
caaaatcttg	gnatagtata	taagtcacat	ggtttcaaaa	tataactttt	tttgaacctc	720
agcaactttg	aatggat					737

<210> 2525

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 2525

aggnntntga	nccagctctg	ttctttgcgg	atccctcggt	cgaattcggc	acgagaataa	60
gctttttcttt	aaattaatta	gaaattactt	gtaggaaatg	tatagaataa	caatgatcat	120
tttttttaac	taaatgattt	acaatagtga	gaaagttgac	cttgagttac	atgttgaaaag	180
aatagtatgt	aagctggcaa	cagaaattga	aattgagaca	gatttcagca	ccactgttgg	240
taacaggctc	ttattccaga	ggaaacatgt	cagtttttta	ttagtgagta	aaggattttct	300
gcgaagcttt	agaatatctt	catgttgagt	attgacatgt	atTTTgaatg	atgattttat	360
gaaataacac	ttgggattat	ttttcttatt	ctgnatcccc	caaattacct	taaaaactta	420
catcttttgt	tttgggaggg	atccttttagc	aaatatgcct	tttgatatggg	aaagatcctt	480
ttatgaaagg	tatacctatt	aaatatTTTa	gtttctantt	accaatatca	cntattccga	540
aggatanTTT	antaaaaaat	tggccaaagg	tccaggacct	cnttttaaaa	acccaaacct	600
tttaattTTa	aaangaatat	tnccaaggga	ttacccttag	gaatttaatt	cccaaggaaa	660
aatcctcaat	tttccantcn	atggTTTTtG	gccattttnc	ttctttTTTa	aaanccaatn	720
gggttnaatg	gcccttggnT	aatttgggtA	ataatngccn	tanctggagt	ggacctggta	780
ggncccttga	aantnccgga	tctnggggtt	acctttggna	tggactggga	taacc	835

<210> 2526

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2526

gngtgtgnnn	nnntttntta	aatgcggctc	tngccttttt	gcaggatccc	atcgattcgt	60
gcacactaac	atggcacctg	cntaaaaanc	acagacnggt	aacttttaggg	acttcacagt	120
ggactcaagc	agactgatcc	cagattgtag	gtagaagtgt	gtttgcaaag	gccagaggag	180
ctgttaggac	ataatgcgat	ggagacaatt	tgcaacaatc	actgantcca	cgtttctgct	240
gtttaagggT	ggctgaaagg	atggaggTnt	agcttgtaat	gcaaaatata	cgcagaggTt	300
catagtgaag	ctgaggagga	gggccttcaa	aagttaagtG	ggagatgttt	aggTcagtag	360
caaatgggCc	cagtgggaga	gagtatgccc	agagtttgga	gagggTcang	gtgtcnggtg	420
ctgggatgag	ggcttcatgt	ttggaagacg	caaggtagag	agccangaga	ggaggaaagg	480
tagaacagga	tgganggcaa	gacctgtgta	agaagaagTc	ttaaactgtc	aaccCaacac	540
aggcatgctc	ataaggaaaG	gttaaaaaaa	aaaaanaaaa	aactcgacct	ntanactata	600
gtgagtcgta	ttacgtagat	ccagacatga	taagatncat	tgatgaattt	ggacaaccac	660
actagaatgc	agtgaaaaaa	atgctttatt	tgtgaaattt	gngatgctat	tgctttattt	720
gtaacctttt	taacctgcat					740

<210> 2527
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 2527

nnngaggntn nanancagct cttgttcttn gggcaggatc cctcgattcn aattcggcac	60
gaggctagtt cgagttttttt tttttttttt tttttttttt ttttttaaata aaggggcaag	120
tttccaaaga tcagtgtgga gtgctacaga aataattata ggagaggaaa tcataatcac	180
agaaggntta atgcttgttt gaggtctccg aataagaact aaaaaaaaaa caaaaaaacac	240
tggtttcatg cttacggggg acacactttg gngcatcccc tgaacacaaa ttttaataacc	300
aaacaatcct tgatgcttca cctgggggctg ccaagcagtt tgtaaaacag aggaaaacat	360
ttagtgtagt ctgtattatc cttttccaac ttttctgttt gtgcaagttt ttgaanattc	420
attggccaaa caatgaacaa caaaggnttt ctgagagaag acaagggtgga cttttcattt	480
tgtagtagaaa taccagtggc actgttgaac gaaacaaata cttttatctc agtctttcaa	540
atcagtatta atgtctgngt ttccctccac tgacagctct tcttctagtt tcaactgaaa	600
aagggtgtta gtatttttat cttggcactc tnttccaaat ccttnagcag ctctcttct	660
ttatattctg ccacatngac ctntnaaccg gaattgncct ttantttgcc gnggngcttt	720
gaaaaatccc gtngttctta aaaacttggt ga	752

<210> 2528
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (734)
 <223> n = A,T,C or G

<400> 2528

ggggnnnnnn ttcttaatat tgctngtct ttgcaggatc cctcgattcg aattcggcac	60
gaggcaggta ttatattatg aactactagc aattcgagag cctgcatcag tttggagaaa	120
gactatcaac ctggaataac ctacattgta gttcagaaga gacatcacac tcgattattt	180
tgtgctgata ggacagaaag ggttggaaga agtggcaata tcccagctgg aacaacagtt	240
gatacagaca ttacacaccc atatgagttc gattttttacc tctgtagcca tgctggaata	300
cagggtacca gtctgctctt acactatcat gttttatggg atgataactg ctttactgca	360
gatgaacttc agctgctaac ttaccagctc tgccacactt acgtacgctg tacacgatct	420
gtttctatac ctgcaccagc gtattatgct cacctggtag catttagagc cagatatcat	480
cttgtggaca aagaacatga cagtgtctgaa ggaagtcacg tttcaggaca aagcaatggg	540
gcgagatcca caagctcttg ccaaggcttg tacagattca ccaagatacc ttacgcacaa	600
tgtacttcgc ttaaatagtc caagtatatt ctctgagang aagtactgaa agatgaattg	660
acatacaacg tatgtttcca gtgaaagtca attgagtaag gacaccttca gccatacaga	720
aaccaacact gtgg	734

<210> 2529
 <211> 682
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 2529
 gnnctnntna gtgncatccg ttcnatcgga cnaggaaaaa caagnatact aggcttgtca 60
 ggtttagccc natgtttgcn agctagctgc tgggtgcagaa atacaagaca taaatattat 120
 ttcgtagaca gttattatct ccttactgtg aatttagcag aatttataga agtcttttgg 180
 gtagtaaagc tttgggttaa ttatttgttt ttaaaaaatc gcagttcatg aaacatttct 240
 acttattaaa tacaatgtga atactatata tattcttgcg actgggtcat aattgttagc 300
 cctctcccat gcctcttctc ctcccctgaa tataacatgc gtattagaag gtttctttgt 360
 gttggatgct gctcatgaac catatgttaa gaggttgtca tattcatgta ttaagcccc 420
 attgtgtgtt gtgatttcat gacttttata tctaaaaaaa ccatattgta gatgttcttt 480
 agcttgaaac acgagtgtt tgaaattttc cctttacctt tctatttggg cattcagtaa 540
 atctacacat ctgntttang ctctagttta aatagatgat gtgatgcatt tctgngatgg 600
 nctggttgcg gatttttttg gtaatggttt taatagtga aattctgggt catgcttacc 660
 tggtaggtt gtaagtcgtt at 682

<210> 2530
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 2530
 gggnnnttgt ctaatgcagg atccctcgat tcgaattcgg cagcagagtt tccatttagt 60
 ttgattttaa aagctgcctt tntgaatata taataccaat tataaaataa atatgtgtaa 120
 gtaaaataaa atggtaactt gttttttata agaggggaag ttggttggtt ttataaatta 180
 aatgaacatt tatgcggncg gttattttta cgtaaaaata gttgttatat tctaggtaac 240
 agaaatttag aaacctatct ttctgtagaa gaaagggtgtt gctatctgct tttgatttct 300
 cagatatttg cttctcctta gaatgctatg atcagatttt tattagaatg aagttttcta 360
 aaggctttga ttggcattag cttcattact tatttgctta ggtaagatt agcccaatag 420
 acatattatc tttatggacc attgcaaatt tttctaatat ctaaccattt ttaacctttt 480
 atatatgaat aattaaggaa acattcaatt ataataaaat ttattcctgg cactatgtag 540
 gcactcaata agtatttgtt aattgagtaa atgatcccag tagataggta catacaatat 600
 acagggatc tttttctact acgtgtgttt ttctcaaaa tttttttta gttccacttc 660
 atcatgaaaa tacttggaac ctgacacca agagaatcat gtttngggca cagt 714

<210> 2531
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 2531
 tggggttntt taganccagc tctgttcttt gcggatccct cgattcgaat tcggcacgag 60
 aattttcctt atatgttctt tgacccttga attacttaga aatgtatttn ttaatttcta 120
 aatacttaca ggtttaaaaa ttttgttttc aattactaat ttaattctgt ttcacagaa 180

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agcacgacca tcgtggcatt gaaacttgag ttatagccta ctatcatgat caatttaaaa 240
aatatatata tagggctggg tgcagtgggt cacatctgta atcccagtg cttgggagggc 300
tgagggtgggt gaatcacctg aggtcaggag ttcaagacca gcctgggtcaa catgacaaaa 360
ccccatccct acaaaaaaatg taaaaattag ctaggtgtgg tgacacacac ctatcagtta 420
cttcaggggg ccgatgtggg agaatcgctt gatcttggga ggtcgagggt gcagtgagct 480
atgatcatgc cactgtctcc acctgggcaa caaagtaaga cactgtctca aaaggaaaaa 540
aanaataaaa tatgagaaag gttatgatac aatgttaaat gccaaaagta aaatgtaaaa 600
tgatagctag tgtttaatct caatcatgta aggaaaanaa aaaaaaaaaac tcgagcctct 660
anaactatag ngagtcgtnt acgtagatnc ngacatgata ggatncatgn tgagtttgga 720
caacccaact tgaatgcagg                                     740

```

<210> 2532

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2532

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ggnggtnttt taacccttgc tcttgtcttt gcggtaccc cgtttcgaaa aaaaattgtg 60
gtgattcaca cctgtaatac cagcactttg ggaagccgaa gcgggagggg cctttgaggc 120
caagagttca aggccagcct gggcagttata atgagaccct gtctctacaa aaaattttta 180
aaagtaaaaga aattttaaga taactaaata ctacatagtc atatatatta aatattttatt 240
acataaaagg aaaccaaata gaagaggaaa taatgttatg cctacttca tatgacaaaa 300
aactggaaga tagtgtctga aaatgaaaat gattgtattg ggaaggtaga attgtggcct 360
tttttttttt tttttctcag ttttcttctc attacatttt caatttagtc tttgtatata 420
gattttgggt tattggagaa tatataatgt gctctattaa tgtttaagtc ataaaaatat 480
aaatttcaag taatttaagc tccaatagtt atctaacctg ccttctaata aatgggaaat 540
aaatatttac tttttgtttt gataaacata tatttgttgg caactagcac atgattttta 600
aagtatagtg gaactataca tttatgtctt aaaattaaaa ctataaagtt atgtgactgg 660
gaaaggaaaa ataattcatt caggattatc tgacatctta gtattatagt agtggtaata 720
ctacnttttn gggaaatgng tatcc                                     745

```

<210> 2533

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2533

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gntnggnttt ttnanannca ggctacttgt cttttgcagg atccctcgat tcgaattcgg 60
cacgagaatc cttcttggga aacatgttat tgtcttcatt gtccagatta gaaaactgag 120
tgtaaagtaa gttaaattat agtcttaagg ttgaatgcta ataaagacag aatacaagtc 180
caatatattg gactcaaaag cctcactta actatggtct ccatgggctt cccttggctc 240
tctctgcctt tttttatttt ttcttattgc ttgaggccct ttctggaagg taagtctgga 300
ttatctactt cacactgttt tagagaagac ttgtggtttc catttacccc ttactccctc 360
cgctccatgg cctttcaggg agaacactgt gggtatcatg ctgggtggcc tggagggtcc 420
aagtaacagg aatctanaag gatggaccag atgtgaacaa aagaaagcct gagtaggaca 480
caaaacagag aagtgggggt gtaacatctc taagatatta cagcttgcta ctccactct 540

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ctttgcaaat	gtggtgaaac	ccangctgga	gtcataaaat	aatagcatag	gatcattaac	600
taaagtttgt	ctagtgttc	cttgtgttca	cacattatct	cattgaacct	ctgacgatgc	660
taggaggagg	taaatagggt	ttcctcttac	cttgggtgaa	ctgagtcctc	tgactaagtc	720
tcaggctcct	tetaccattg	ngctgcan				748

<210> 2534

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2534

gngngngnnn	nntttttnaa	nncgctcttg	tcttttgcag	gatccatcga	ttcgaattcg	60
gcacgaggca	gaagctgccc	gtgggcacca	cggccacact	gtacttccgg	gacctggggg	120
cccagatcag	ctgggtgacg	gtcttcttaa	cagagtaacg	ggggccctt	ttcatctacc	180
tgctcttcta	cttccgagtg	cccttcatct	atggccacaa	atatgacttt	acgtccagtc	240
ggcatacagt	gggtgcacct	cgcttgcata	tgctactcat	tccactacat	caagcaccgg	300
gaataaagcc	cgcttgcctc	agtcggaaaa	aaaaaaanna	nnnnnnnnnn	nnnnnaaaaa	360
aaaaaaaaact	cgagcctnta	naactatagt	gagtcgtatt	acgtagatcc	agacatgata	420
agatacattg	atgagtttgg	acaaaccaca	ctagaatgca	gtgaaaaaaa	tgctttatatt	480
gtgaaatttg	ngatgctatt	gctttatattg	taaccattat	aagctgcaat	aaacaagtta	540
acaacaacaa	ttgcattcat	tttatgtttc	aggttcangg	ggaggtgtgg	gaggtttttt	600
aattccggcc	gcggggccaa	tgcatgtggc	ccggnaacca	gcttttggtcc	ctttantgag	660
ggttaattgc	ccncttgggg	gaaatcatgg	gcataactgg	ttcctgnngg	aaaatggtat	720
ccggttanaa	ttncacn					737

<210> 2535

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2535

agnaggnnnn	nnnnnggna	gnnnnnnnnn	gnnngnnttn	taatcggnat	ttctaattgt	60
nggctctngt	tctttttgca	gatcccatcg	attcgaattc	ggcacgagcc	ttcccacctt	120
gtgagttctc	ccagcagttc	ctggattccc	ctgccaaagg	actggccaaa	tctgaagaag	180
attacctggg	catgatcatt	gtccgtgggt	ttggttttca	gataggagtt	aggtatgaga	240
ncaagaagag	agaaaacttg	ggctgaccct	gttatagtgg	ttatagtggg	gtccctaaag	300
ggaggaaatg	atttcancaa	aactggttga	acagcggatg	aagatatgga	attcaaagct	360
ctaattggacc	tttttgaaga	agaagttgtg	gcttatgtgg	gagttacatg	ggcctctgat	420
ggaagaaact	aatctgttaa	gtattttgtg	attttactaa	aatggcagct	ttaaagttgtg	480
tatctgctat	tgtgatgcc	atgcccgggt	ttttaagtgg	aaaaaaaaat	gacctctttg	540
atgtgtgctg	ngtacacaag	aatttctggg	aaaagtaaag	aaaaaccctt	ttttatggct	600
cacacactta	agantagctg	ctcttaaacg	tgcgctcaca	gttgaaactgc	tttggttaat	660
tctaaataaa	tngttctttg	aggaaaaaaa	naaaaaaaaa	ctcgacctnt	anacctatgg	720
gagtcntatt	accgtnatcc	anacttataa	nan			753

<210> 2536

<211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 2536

gagnagnnnn	nttttngaaa	gccnnnnnna	ggnagnnttn	nagaggnntt	tgaagccctn	60
ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggcc	acttgacaca	120
gtgagtggcc	tcttaaactc	ctcgttactc	tacatgtctc	ggctgtgtgg	tgtctttctc	180
ctgacgactt	ggatatgtct	atggatactc	ttcaaaatct	atgccacaga	ggctcatgtg	240
tttcctgttc	aaccaccatt	tgcagaaggg	tcagatgagt	gccttccaaa	agtgttaa	300
agcaatcctc	cccccatcat	aaagtattta	gccttgcang	acctgatgtt	gctttctcaa	360
tattctcctt	cacgaagaca	agaagttttc	agcctcagcc	aaccagggtg	acatccccac	420
aattggacag	ccatttcaag	ggagtgtttg	aatcttttaa	atggatgac	tcagaaactg	480
attctctatc	aagaagctgc	tgctacgaat	gggagagtgt	cttcatctta	cccagtggaa	540
cctaagaaaa	ttaaatctct	cagaagaaac	tgcttttcag	acacaaaaat	ctagccagat	600
gcctcggcct	tcaatgcccc	cattagttaa	aacattactg	gtttcttcaa	aattatctac	660
acctgatgt	ttgtgaacct	cattttggga	ccccatttg	gcttntantg	gtaatggaat	720
cggattggct	tggaattttt	ggntgtnaac	acctggctat	tgggcacccg	caaaagtct	779

<210> 2537
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 2537

gagnaggnnn	nttttngaaa	agccnnnnnn	nnggnagnnt	tnaagagncc	ttgaagccat	60
tgctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	gggcagtaaa	120
taataatagg	gaggatagaa	aagtcagcat	ggcattccag	atgagaaaa	tgaagcaagt	180
taaactttct	acatggtaac	cgtgattatg	tagttgatat	acaaagtaat	gactgtgggc	240
cttcaagaag	aggtaaaata	cattcattat	attaacgagt	gcattctaga	aagatttctt	300
tcaaaaagta	gttgaagttt	ttttgcttta	aggagtaaat	ctcaatcatc	tggaaattta	360
acttctgtgg	aatacctctt	tacatcttaa	aggaaatgtt	aatgcattat	attgaggtta	420
ttattgcaat	ggaattttca	aaaatgtgag	tgtgtctctt	ntgtttctag	aatctataag	480
acacatatct	ggtctaagta	tagtgtctac	taagacaatt	tcacaatcca	naaaatagtt	540
ggttagccaa	ggatatcaag	ttcaacccca	gagactagcc	aaagagggaa	ggctatgaaa	600
taaaaagctt	atagatggct	agnctcatat	ctnnggcttt	atncctataa	aaggatctca	660
ngaaatatgn	aatcanaaat	atnggtatit	aatctcctcc	ttttttggnc	catngcctct	720
ttagggccaa	nggttttttg	gngaaatcat	tggtnggccaa	attnggttn		769

<210> 2538
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 2538

gnnnnnnnnnn	gnnnagggttn	nnagnnnnnnt	ttctaatacgn	aggctacttg	ttcttttttgc	60
aggatcccat	cgattcgggtg	gtcctcactg	aagaaagaaa	cattcttcct	aaaagacttt	120
ttttcctcag	agttggagcc	cacagcgtgg	tcaggaaaga	gaagtagcca	ctgggtggctc	180
ctggcatcct	cctgctgggc	agcccccttct	caaagtgtga	gggggtcccct	tgtgtacaag	240
caggaagctc	tgagaaaagtc	aggtttgctc	ctaccacagg	ataattccga	tgaacctgaa	300
aagcgggttt	tggcttgtgt	gcagggactc	tgggtggaaga	aagggtgaca	gcacctgcct	360
gggcatgaca	caagtttagga	cccgtaccaa	gaggccctgg	aattgagggt	gggggttgct	420
gtggactctt	tctccctctt	aggaaaactct	attgggtctc	catctgtcac	agaagcagta	480
aatgatgtag	gggctgccag	gtataggggtc	ctgtgggggat	gctggaacat	gccgangcag	540
gacgtgccag	ccacctctctg	cccatatgtg	cacanggccca	cagatgtgct	tgtcggtagg	600
agagaccaag	ctgtctgtgt	gccccatgtct	tgacacctga	gacttcagggt	tcaccccatc	660
ctggttctgc	catttccatt	tgcaagggtgg	ctttcccttc	cttttgggga	ctctttaacg	720
cctttgggnc	tgttttaaaa	aaaaaaaaaa	aaaa			754

<210> 2539

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2539

gnnnnnnnnnn	ggnnnngnnnn	nnnnngnnnnn	tttnaatnga	cnggctactt	gttcttttttg	60
cagggatccc	atcgattcga	gtgcatccat	gcgtttttcac	ttgtttcttag	gtactttcat	120
ccaataatat	atttgagtag	ttctgaacag	gaacacaagt	aaggagaatt	ttttttttttt	180
tttctgatac	agggctcttg	tgtgtcaccc	aggatggagt	gcagtgggtg	gatctttggtt	240
cactgaaacc	tcaacttctg	tggctcaagc	catcctcccg	ctcaagcctc	cgagtagctg	300
ggactacagg	cttgccaccac	cacgcctggc	taattttttgt	attttttagta	gagatgggat	360
tttgccacgt	tggccaggct	ggtttttgaac	tcctggcctc	aagtgatcca	cctgccttgg	420
cctcccaaag	tgctgggatg	acaggtgtga	gccactgggc	ccacgtgagc	agcatatttt	480
taaaagctcc	cctgatgatt	ctagtggacg	agaaccacca	gtctatgtaa	ttatttgtct	540
gtttagtgtc	tgtctgtccc	gaaggtttag	aagttacaca	aggggagggga	ctgtaaatat	600
ttgttgaatg	aaaaatgaat	gcatgggaat	gaggatattt	ctttgcaata	ctgattttat	660
ttccttatac	acccataaat	gggaatgctg	gatcatatgg	agctctattt	ttaatgtttt	720
gaggaccctn	catactgctt	cc				742

<210> 2540

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(892)

<223> n = A,T,C or G

<400> 2540

gctagttinga	agaggtgttt	ctaangnntn	ggaatcgaca	tctnnnnagg	cngnccttgc	60
gattcgtttt	gctctctcca	ttccaagttg	ttctctgttc	tagaaagcng	atgnngggnt	120

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acatctactg tttttgccta aacagaatcc ctttntcctt tttttgtaa aaggctcatn 180
cctaataatta cattgctctg gaacgantga caataccana actcagcacc ntgatcggac 240
egggacaatc agattatcta attcctcagc aaacggagat cgatccgaaa agtggaata 300
tganctcntn ctttgtgntg gcatatggac cctgagagaa agaaacttta atcttttact 360
cttggactgc aatnaagtnt agctgcctaa aaatcnnttt cntgacactt ngnaggtttg 420
tccacaatcg ggngaaatta nngggtnnga cntaancact ggatgaaaaa aaatnccgnt 480
tanttntatt ncnnttccan ncttntnaaa tanananntt ntcanccctn nntaatacta 540
ttanntatat ntnttnnncc cnatnnnncc ttcttntctc tacnncnntn cnatntnnnn 600
nnangntcnn cnannnttcc tnttatttct annatatntc ntancnttna ctaaaacctc 660
cnctcgtnna nattncnnta taatattntc tctaganntt ntntntntnt gnnncttaaa 720
anctcntcta tccctantat nantnattct taccatnaaa taaactanaa gtnntntcac 780
gagacnccgt atgttantnc anactataat cgcttncatn tanmtatatn taaaantgct 840
atncagnnag nngntnttat atntttanct ngnnaggnta tectcnatan cc 892

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<210> 2541

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2541

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ggatctactg ccttagcaaa tgtcatatat atgattacaa gattattaac tatagtcacc 120
atgctgtacc ttggaaaaga aaacctactt ttcttgctta agtaaaactt ttaccctttt 180
caaggactgg gggaccttga gtatgtgcag attttggtac acgcangggg tcctagcacc 240
aatctcctgc gtgtaccaag ggatgaccgt gtgtatagaa aatcacatgt ttattacca 300
tgtatttgtt gttggatgct tagtctgttt ccatatcttt ctattgtaaa tagtgccgca 360
gtntacatga gtgtgcagat aactnttaac aatactgatt tcaatccctt tgtggagtgt 420
ctggatcgta ttaattntgg ggggaacctn cgtctgtttt ccataatggc tgtaccaatt 480
tacattccca ccaacantgt acaaagatgn ccatttttnc atgtctcact agcactcggg 540
tgtntttttt gtaatagccc ttctaacagg tntcagggtga tacccttata naggttttga 600
gtcaaatttt ccanatgatt taagaagtgt acaantnttc atatcctgtc aancgtnagc 660
gatgnttttt ttttatagnn agacaggntt tnttctgttg tgcagantgg ttttaagatgg 720
tgcgancatg gntcantttn tccttttnc 749

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<210> 2542

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2542

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gnnagnnnnn nngngnnntt tnagatacag ctcttggtct ttttgcagga tcccatcgat 60
tcgatcagta tgaactctta aaacatgcag aagcaactct aggaagtggg aatctgagac 120
aagctgttat gttgcctgag ggagaggatc tcaatgaatg gattgctgtg aacactgtgg 180
atttctttaa ccagatcaac atgttatatg gaactattac agaattctgc actgaagcaa 240
gctgtcccag tcatgtctgc aggtcccag atatgaatat cactgggcag atgggtctaat 300
attaaaaagc caatcaaagc ttctgcacca aaatacatng actatttgat gacttgngtt 360

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caagatcagc	ttgatgatga	aactcttttt	ncttctaaga	ttggtgtnc	atttnccana	420
aactttatgt	ctgtggcaaa	gactatncta	aagcgtctgt	tcanggttta	tgcccatatt	480
tatcaccagc	actttgattc	tgtgatgcaa	ctgcaanagg	aggccacct	taacacctcc	540
tttaagcact	ttattttctt	tggtcaggag	tttaatctga	ttgataggcg	tgaactggca	600
cctcttcaag	aattaataga	gaaacttgga	tcaaaagaca	gataaatggg	tcttcttaga	660
cacagttccc	ccttgcttca	tctattgcta	gaactatctc	attgctatct	ggtataacta	720
gt						722

<210> 2543

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2543

gnnnnnnnnn	nnngnggatt	nnancgantt	tgcnaatnna	nagctacttg	ttctttttgc	60
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cctgtctggg	aagtcgacac	cccagccacc	atcaggcaag	acaacaccca	acagcggcga	180
cgtgcagggtg	actgaggatg	ccgtgcgccg	ctacctgaca	cggaagccca	tgaccactaa	240
ggacctgctg	aaaaagtcc	agaccaagaa	gacagggctg	agcagcgagc	agacagttaa	300
cgtgttgccc	cagatcctca	agcgactcaa	ccccgagcgc	aagatgatca	acgacaaaat	360
gcacttctcc	ctcaaggagt	gaggcttggt	ccaatacatg	gctctgcccc	ccagaactta	420
aggctctact	gccccttcgc	catcctagan	tgaggctctg	tccaatacat	ggctctgcct	480
ccagaacttc	agctctcagt	gacccttcga	catcctgctt	gctcctgact	tccaaggccc	540
cgtagttagc	aattctggaa	aagttaagcc	atctncttcc	tctggncctt	tccttctggg	600
aatcttcaaa	atgctgttta	nggnccttcn	ttattggccc	tccttccttc	cttggtctcg	660
ggccttcctt	taaaaacttga	ccaaaggggc	cttggtgctt	ggcccaactg	gggttaaactt	720
ttttacaagg	ttctttccct	tttccacttt	cccctnaaag	tntt		764

<210> 2544

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2544

gnngnnnnnt	tttnnaagac	cangcctctn	gnnctttttg	gcangcagtn	cntaganctt	60
ngtgcaggat	cccacgatt	cggaaaacat	gagacataga	aatcattgag	attcatcaag	120
aaaatgttta	attataatga	gcatgaagtt	agtaaaagg	ggacatttga	agaagggtatt	180
aaaagacctt	actttcatgt	gaaacctttg	gaaaaggcac	aactaaaaaa	ctggaaaagaa	240
tacttagaat	ttgaaattga	aaatgggact	catgaacgag	ttgtgggtct	ctttgaaaga	300
tgtgtcatat	catgtgccct	ctatgaggag	ttttggatta	agtatgccaa	gtacatggaa	360
aaccatagca	ttgaaggagt	gaggcatgtc	ttcagcagag	cttgacttat	acatctccca	420
aagaaaccca	tggtgcatat	gctttgggca	gcttttgagg	aacagcaggg	taatattaat	480
gaagccagga	atatcttgaa	aacatttgaa	gaatgtgttc	taggattggc	aatgggtcgt	540
ttacgaagag	taagttttaga	acgacggcat	ggaaatctgg	aagaactgaa	catttgcttc	600
aggatgccat	taagaatgcc	aaatcaaata	atgaatcttc	attttatgct	gtcaactacc	660
cggcatcttt	tcaaaatnca	gaaaaacctt	ncaaaatcaa	gaaaangngct	ttttggaagc	720

aatcgaaaga gncaaggaga acacaagntn tncctcaatt tact

764

<210> 2545

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 2545

gnagnnnnnn	tttttnnaang	tcengncnnn	gnnnngntttt	nnagagnnnt	ttnaancnnc	60
ntgttgacag	atcccatcga	ttcgaattcg	gcacgagAAC	atctcctctt	gtcatttccta	120
ggacatagac	ggtttagggaa	actctcatct	ttccttcacc	acctcatgag	tctaaaaaca	180
atgataaacc	cagggaaagct	tgctgaaaag	catectccat	ttgggttatng	ctctttgtct	240
aggaaaatca	gnactcagct	gtgaatngtg	gaccaagtgg	tgCagaactc	attactttga	300
acaatgcctc	ctcggcctgg	gaagcatgtg	ctctcttcta	ctagcagggg	cttattccag	360
gctggctttg	gtcacaagga	aaatcattta	gacacagtto	agtgggtttct	tattctgtct	420
cctccttacc	ctgccctgca	cccctgtcct	taagagggaa	aaggtggNag	gtgctgtctg	480
gtatcattgc	tgccctgccca	gtaganggtt	gcccgtctgt	caagggtAAC	tgccccgcctg	540
ctcccttctc	gacctccctc	ggaccccgaa	gatcacttac	ctctgggtcat	tcangccttt	600
gggggtacaa	tcttgataa	agtcngtca	aaaactggcc	aaatttcaag	gacttgaaaa	660
tgnggttttt	taaaaaaacc	aaatccctta	tnaacntcca	ctttggNacc	tttaanattt	720
taaaaactgg	gggnaaaaat	ggngaanaatt	cctttgggac	ccactttttt	taaattnaat	780
ttaagccctt	naatggaaan					800

<210> 2546

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 2546

gnagnnnnnt	tttnngaaag	cnnnnnnnnn	gnnnngntttt	atagatcant	tnacttgctc	60
tttttgacag	gatcccatcg	attcgaattc	ggcagagca	cattttcctg	ttttcttcca	120
agccctccac	agtgttccaa	cctctgccgg	ttaccctatt	ccaaagtcac	ttccacattt	180
tcgggtatcc	ttatagcagc	acccactct	accagtccaa	tttactgtat	taagtccatt	240
ctcatgctgc	tataaagaac	tgctcaagac	ttgggtaaat	tattaaaggg	aaggagggtt	300
taaattgacc	cacagtctct	cagggttcgc	aagggcctca	ggaaacctac	aattatgggtg	360
gaagggggaa	gcaaatgccc	tacttcacat	ggtggcagga	aggagaagaa	tgagaaccaa	420
atgaggggaga	agccctttat	aaaaccatca	gatcttgtga	gaacttacta	tcatgagaat	480
agcatggggg	aaactgccct	gtgattcaat	tacttccact	aggtcactcc	accatacatg	540
gagattatag	gaactacaat	ttaggatgag	aatttgggtg	gggaacacag	nccaaaccat	600
atcaaggtnt	taaccagcag	gaatttaacc	caagcctgag	ggaaaagact	tttcaagaag	660
cttcaaaaga	ctgggttctt	nccaaaaatt	ccagggttagg	acccaaaaaa	tttaaanmn	720
annnnnnaaa	aaaaaaaaac	nttggaagcc	ccttttttaga	aaactttttt	ngtggaggtt	780
cccnanttt	accggttnnn	aattcccnag	nacccttgga	attangggaa	tncccaattt	840
gggttngnaa	gn					852

<210> 2547

<211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (852)
 <223> n = A,T,C or G

<400> 2547

gnagnnnnnt	tttnngaaag	cnnnnnnnnn	gnnnngntttt	atagatcant	tnacttgctc	60
tttttgagg	gatcccatcg	attcgaattc	ggcagcagca	cattttcctg	ttttcttcca	120
agccctccac	agtgttccaa	cctctgccgg	ttaccatttt	ccaaagtcac	ttccacattt	180
tcgggtatcc	ttatagcagc	acccactct	accagtccaa	tttactgtat	taagtccatt	240
ctcatgctgc	tataaagaac	tgctcaagac	ttgggtaaat	tattaaaggg	aaggaggggt	300
taaattgacc	cacagttcct	cagggttcgc	aagggcctca	ggaaacctac	aattatgggtg	360
gaagggggaa	gcaaagccc	tacttcacat	ggtggcagga	aggagaagaa	tgagaaccaa	420
atgaggggaga	agccccttat	aaaaccatca	gatcttgtga	gaacttacta	tcatgagaat	480
agcatggggg	aaactgccct	gtgattcaat	tacttccact	aggtcactcc	accatacatg	540
gagattatag	gaactacaat	ttaggatgag	aatttgggtg	gggaacacag	nccaaaccat	600
atcaaggtn	taaccagcag	gaatttaacc	caagcctgag	ggaaaagact	tttcaagaag	660
cttcaaaaga	ctgggttctt	ncaaaaaatt	ccagggttagg	acccaaaaaa	tttaannnnn	720
annnnnnaaa	aaaaaaaaac	nttggaagcc	ccttttttaga	aaactttttt	ngtgggaagtt	780
cccnanttt	acccgttnnn	aattcccnag	nacccttgga	attangggaa	tncccaattt	840
gggttngnaa	gn					852

<210> 2548
 <211> 879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (879)
 <223> n = A,T,C or G

<400> 2548

gngngnnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgagg	60
atcccatcga	ttcgaattcg	gcacgagggt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctgg	ccttngntnt	tcatecanga	atttaanaac	240
tgggaattcc	taaaagtttt	ettacccctt	gaaatggtcn	tgggcccctc	tttttaataa	300
tcctgggtgga	atggaatggg	ttgcccggtt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaatttggga	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	acettcaacc	ntcggttaaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagecat	tttnccctgg	660
ggggaagttt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttggncc	720
ggacatgggt	ggggtaccca	tgaccacac	tgatggactg	cctaccatc	agaactcatg	780
ccaatggcc	ctggtttgac	tcggatcatg	ttggcctata	gtcaaagtgc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2549
 <211> 797
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 2549

attnnnnaa	ctttatnna	ttttgtact	tggtcttttt	gcaggatccc	atcgattcgc	60
acactccagg	ctgagaaaga	gtaattagga	ggcctgagga	ggggccgagg	aaaggctgtt	120
ggggtgtgct	ggggttggtt	cccagagccc	ttccccctac	ctcaaccana	gaagagcatn	180
cggttgcttt	ttaaagcttt	tancctgccc	tagcaaggac	aaagcatgtt	anattagaga	240
tgcttctgct	gatcgcanng	gttcttattt	gaaaacatct	atnatggggg	ggggtgggag	300
gagacagggt	gtggttatgc	angaaaatct	tgctcctaaa	atatatgact	tngggggtaa	360
ggggtgggat	agccaagcaa	aatcactnat	tattntaaaa	tgaacatatg	tnttttnatt	420
aactttnagt	taaatacaga	ttttacaact	aggtcagcat	angcctnaat	ctatatagag	480
ggctaactca	ggcattgtct	ngttttattt	gtagactgga	ttcaaaacaa	cctgtcctgt	540
tttgctcagnt	cccagcttnt	tcnttttagaa	taaattanac	caaaagnaac	aaactgtgct	600
cgctcttgta	taccgcgaga	atgaactact	gttgtaaaac	tggatttttt	cattatacta	660
ngttncgaaa	agcnagatgc	ttgggtanat	tacaatacca	ngatcctttt	taaattgaat	720
ggggtgcatt	taaaaatcct	cncttaacat	ttctaagaaa	gaattgtttc	aataaaataa	780
ntggaatctt	canangg					797

<210> 2550

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 2550

ggnagnnnnn	nngggnnntt	cnacgtgaan	nccttggtct	ttttgnagga	tcccatcgat	60
tcgcacagat	ccaggaaaaa	tcaaacgtat	tagaggaatg	gcgtactctg	tacgtgtgtc	120
acctcagatg	gcgaaccgga	ttgtggattc	tgcaaggagc	atcctcaaca	agttcatacc	180
tgatatctat	atttacacag	atnacatgaa	aggagtcaac	tctgggaagt	cnnngggctt	240
tgggttgctc	ctggttgctg	agaccaccan	tggcaccttc	tcagngctga	actgnggctt	300
caacccccag	ggccagggan	cancagtact	tncanangac	cttgncntga	actgtgcccc	360
gctgctgntg	gatgaaatct	acaggggtgg	atgcgtnnac	tnnaccancc	aangcctggc	420
gctactactc	atgacccttg	nacagacgat	gtntacaaag	tcctgctagg	ccctntntct	480
cctacacgat	agaattttgc	ggcatttgaa	gagctnttnc	cacattatgt	ttaaaattga	540
aaccaagcca	tgtngtgaan	aactcaaggt	ggggataaaa	gtgctgatga	ccctgtgtgg	600
cattggnttc	tncaacctta	gcaagacct	caaagtgata	accatnacaa	agataaggnc	660
ccattgccta	cngacaaaag	aanagcttgc	canggnccca	atggggacca	agtncaattg	720
gttt						724

<210> 2551

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2551

tatatataca gctcttggtc tttttgcagg atcccatcga ttccaattcg gcacgagctg	60
gggtctcaggc ctttgaaactc aaactggaac tacatcactg gcgctcctgg tctccagctt	120
gctgactgca gaccttgaaa cttctcgggc tccattaacc tcttttatat atagagagag	180
atacatacac acacacacac acaaacatac acacacacac acattgggtg tatactctgga	240
gaatcctgat taatataccc gataaattca aaacaaaaa aaacttgaaa aaaaaatttt	300
tcagggtgaat atttgttttt tagcatctga gtttcagtcc aaacagggaa ggaaagagag	360
gaagtgtctt caaaaaatat agacaccccc caaaaatata ttaaataaat aataatttag	420
atccaagatg ttattgatgg ttggagtata gaccactacc catacaaaaa gcaactgtagg	480
aaatggagtt cttcagagag tagaattgtg gttccaangg ctaggcagga aggcagattg	540
ggaagatgtg gcaaaggatt caaaatttca gttagagang agttaagttt gaagagctct	600
attataccaa aatggtggac ctatgggtta ataaccaatg ganttaatat ncctcgaaat	660
attgcttgaa aagtaggttt tnaagtattc ttggccccc aaataaaaaa aactggggtc	720
t	721

<210> 2552

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 2552

agngttttta naccgcgtct tgttcttttt gcaggatccc tcgattcgaa ttcggcacga	60
gaaacaatat aactcaaatg cctttctaca ggactacaaa ctgtctgtat caggttatgg	120
ggttaaatca taattttctgg atcatgatct taaaccttta attggttcca tttctacttt	180
actctttact aacaagtatc ctgatggcct gaaaatccat gttgaaattt gaagtttgaa	240
ttttccagat caaatatgaa atttattttt atttttttaa gtacaaaata tcagttgtat	300
aatcatggta aaacataaaa ttttgcata aaagattttt aaaggctatt tgattaaaca	360
tttatttact taaactcttt gctagaattt tttttagaat tcagcatcgg aggaggaatg	420
tgacataata atgatcgaaa gccgaaagt taaaagttgt gatgccctca catggttgga	480
gggttattct agcttctaan ggactgaatg ttgtccacaa gaagtgtcat cagggtcata	540
aattggtaag gacttaaatg gcttaagaat tttatggat tatacctgaa ggttattggn	600
atttgaggaa tgaaatatat aatggaacca aaaatggagn ccccatattg ggtaaagaa	660
gttttaggta ntttaaaatt ttaaggttt aaaaacctn gggaaatttt tnaaaatacc	720
tttggaagt tattgttaaa gccctttttc gaaaagtcct cntttgnang gccttgaaaa	780
g	781

<210> 2553

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2553

gtngnggntt aatancagct cttgttggtg gggaggatcc cttgattcgn attcggcacg	60
aggatttttcg aaactcttca gctacttgcc cttttttatc tgaaaccatc ataccttctg	120

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aaagaaaaaa gcatatcttc attgacataa cagaagtgag atggcccagt cttgatacag      180
atggtaccat gatatatatg gagagtggca ttgtgaagat aacatcttta gatggtcagt      240
catacctctg cctgcccaga tctcagcatg aatttacagt acattttttg tgtaaagtta      300
gccagaagtc agactcatct gcagngttgt cagaaacaaa taatanagcc ccaaaagata      360
aactagttga aaaaactggc aaaatctgta tacgtggaaa tttaccagga cagagactga      420
agaataaaga aaatgagttt cattgccaga tcatgaaatc caaagaaact ttaaagaaga      480
tgagttgtgt aaatggaact gaagggaggg aagagctgcc ttcgcctggg acaaagcaca      540
catgtgtata cacatgggtc aancagtgtt ggnctgtggc tgcctgtcca gaggaatgga      600
aatatccttt ggcttttagc cttcattttt taataaaatc ancantatgt cttnaaaaaa      660
naatttaaaa naaaaacttn ancctntana actttangtg ngtcgtttta cntanatnca      720
ccttgataag accattgatg agtttggaca acccn                                     755

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<210> 2554

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2554

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nnngngnttn anancagctc ttgttggtng ggcggatccc togattcgct catttgtttc      60
attcacattc ctcacgtgca acaacataat tatattttta gaaaatgtaa ctttgttaca      120
tcaaaatatg ttgtctagta aaaagttgat attcagtaga acaaggatca tgtaaataaa      180
catctatttc acatgtaccc aaaagcattt aaaaagcaga atccagggcc cagagcatga      240
gccagggagg aggatgtttt tcttcttttc tctatttttc cctaaattgt gcaaacatag      300
gtgagtctct taacctttct gtgcctcagt ttttctacct cttaaagggg gggatgggtc      360
ttcaaattgt ttctaaaaca ccggcacttt cagcagtgtt ctggtggcct gagatgagag      420
cacctgtgtc agaagtgcct gggagtggca cagtggaaac tccgcttgca cggaccatgg      480
agtctgctca ggaccatgct gtaggacaca cagcctcatg cgctgagaaa gcaaaggaag      540
tgctgggtgt aaagtttgca tgattccatg aagctttagt tttccttttt ttgggtttaa      600
agaaaggggt ttatatgttc tattgtaaaa tatggaaatt aaacagggac ttcagaaagc      660
cgacagaaaag atcaccttct gatggtgtga tgtgtcctcg acattcnggc cgaggctgta      720
ttctgaaaaa gattaatggn ctgtgaaan                                     749

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<210> 2555

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2555

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gnagagggtt nttcnntan nctgctgggt gncangatcc cattganncg ctttgccatt      60
gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttggttaac agcattcact      120
ccaggtttag ccagctcca gggtatcgca ggcaggactc ccgagaacag gttcatgttt      180
gctttttggg aggtgctgcg cttaaagtga aaaccacctt gggccgagtg ggacctcccc      240
agctgggcgg ctgttaacca gccaggatgt ctgacctga gaagtcaccg tgcactcttg      300
ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg ggtgctgggg      360
atgatataaa gaggtggcgt gtgcatgtgt gtgtgtctgt gtgtgggcga acatgtttgg      420
taagtgatag gctctgcaca cgtgcacggc accatcatgg ttccctccct gcagcacttg      480

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gcacgcagtg	ggggctcaaa	gcacaggccg	actgatggcc	tggggttgca	gccctgctcc	540
gtgtgtccct	gggcacttgc	ttactgacca	ccccacaggt	gaacacgggc	aggtgggtgt	600
ttggaggtgt	gaggctgaag	aaggtctgga	tcttgcaant	cttgencctg	gatagttatg	660
gggtctggaa	ggggctttta	ttgcgcctgg	tgtttcttgc	taaggccaaa	tttgggcttg	720
cctgaccttn	gggttttggg	gccctcttan				750

<210> 2556

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 2556

ntctatagca	gctcttgttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	60
cggcgctcgg	cctgaatttt	ttttaatact	taatttagat	caataacttc	gactgggtact	120
gaaatttgca	ctcactttca	gcttacagtt	tgggtaggac	tgctagaccc	agttcttttg	180
tcctctcatt	cttagagagc	tcttgaaaac	caaagtattt	aaaaccctgc	aagtttctgt	240
gcagatgagt	gcaaatttcc	acccagcatt	ggttcctgag	taattagagg	aaggaagcca	300
tgcaaaagct	gctattgccc	aggctccaga	aaaacatcat	gtaaggtttg	attccatact	360
aattgttcaa	agtgtaaaag	aaagctgact	gtggcagttt	ttacctcctt	ttcttttttt	420
tccttttaaa	aataatccag	agacattaag	cccaacagtt	tctctttgct	tttttccctc	480
tctagcacat	tttcttgatg	agtctaaggt	gtgacctcta	ctgaaatggc	tcccaccac	540
cttctnctat	ggaagtggat	ccccagcccc	atctncttgg	acctcgtggc	tgtgtttaga	600
aaattagcat	cagcctaagc	caggggcac	agcatggagc	cccctgggtca	ttggctgatt	660
gccacctnt	ntctggtgga	agccccgacta	gggantggtn	ggangtcaac	ctaaagttaa	720
ngcaacctga	tgaatggtta	ttgactn				747

<210> 2557

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 2557

gnngnnnnnn	nnntttnnnag	nnnnnnnnnn	gnnnnnnnnn	nnngnnnnnn	nnnnnnnnnn	60
nttttttnnat	acagctattg	ttctttttgc	ngatcccatc	gattcggcca	catcgggggc	120
accaccctcc	atgcctttgc	aggcatcggc	tcaggccagg	ctcctctagc	ccagtgtgtg	180
gccctggccc	aaaggccagg	cgtgcggcag	ggctggctga	actgccagcg	gttggtcatt	240
gacgagatct	caatggtgga	ggcagacctg	tttgccagtg	gccaggccta	tgtggccctt	300
tctcggggccc	gcagcctgca	gggcctacgt	gtgctggact	ttgaccccat	ggcggttcgc	360
tgtgaccccc	gtgtgctgca	cttctatgcc	accctgcggc	ggggcaggag	cctcagtctg	420
gagtccccag	atgatgatga	ggcagcctca	gaccaggaga	acatggaccc	aatcctctga	480
gcctcaccca	caaagaggag	acaaagggtg	gcctgtggcc	tncccgctcn	ctgctcctag	540
tggccaagg	ccccagggaa	taactggagt	aggcaggcaa	gtgtcccctt	ctgnattttt	600
tanggactct	aaccttctgc	agggttaaan	ggagagtact	ttaaaccat	atccactgtg	660
cttnattttct	ctncttttgc	tggttaactgc	tgtagggtag	aagtaccttt	ctgtgccagt	720
ganaatgacc	tgtgtggtac	tgtatgtaaaa	n			751

<210> 2558
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 2558

gnngnnnnnt	tttnaagacc	nnnnnngnng	nnttnagnnn	nnntnnnnnn	cnntggctct	60
ggttcttttt	gcaggatccc	atcgattcgg	gaaaattgta	attctgaagt	ctgggtgaac	120
ctagcttgca	cctacttctt	tcttgggatg	tataaacaag	ctgaagcagc	tggatttaaa	180
gcttcaaaaa	gccgactcca	aaaccgcctc	ctcttccact	tggctcacia	gtttaatgat	240
gagaaaaaat	tgatgagctt	tcatcaaaa	cttcaggatg	tcacagaaga	tcaactcagt	300
ttggctcaat	ccactatatg	cgatctcact	accaagaagc	tatagatata	tataagcgaa	360
tactgctaga	taacagggaa	taccttgccc	ttaatgttta	tgtggccctc	tgctactaca	420
agttggatta	ctatgatgtg	tctcaagaag	ttttggctgt	ttaccttcag	caaattcctg	480
atagtaccat	cgcactcaat	cttaaagcct	gtaaccattt	tcgcctttac	aatggcagag	540
canctgaggt	attgatggaa	gtgtgttttt	aatgtacttc	attccaattt	gaattacttt	600
atctttccaa	gttattcatg	aaactctggg	atctgtactc	ttgatnatat	ccctttatca	660
ttgncaactgn	gatctataag	acctaattat	atgttatcag	gtattctnaa	aagaatgttg	720
acttctgaat	taaaaaaaaa	aaaaaaaaana	a			751

<210> 2559
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 2559

gnagnnnnnn	nnnnggnagn	nnnnnnnnng	nnngnnnnnn	nagagnnnnt	tnnnnncent	60
ttgtaannnn	acagctactt	gttctttttg	caggatccca	tcgattcggg	gatttacttt	120
ctcattcaaa	atacatattg	gatattgtat	ctaattttgt	attggtaatt	ttgggttatg	180
aaaccccaga	tttgaagccc	caaattgtat	agggttcaat	gcccataaaa	cccagatctg	240
cccctgctta	gaggccggcc	cctctaggag	acagcatgtg	gggccaccca	gagatgcagg	300
actcttctgt	tctgccttat	cgcagcagag	aggccatccc	tggagctgga	aggtgcagac	360
tgggaattgc	tccttctctg	aattgctagc	tcctgcta	gcctgcattg	ctgctgcaaa	420
ggatattcag	aaaaagttgc	tcgtcagaaa	aagaattcat	gctagctctg	gccctgctgc	480
tgatgcattg	tgtgaaaccc	ttgagtgact	tcacctcttg	gaactcagtt	ttcccatattg	540
taaagtgata	tcaatacttc	cgggtgtggc	tcangtttgg	gccctgtgaa	ttgtaaaagct	600
ctatgccatg	ggaggatgta	tgattataag	ttgngttgct	attacttgna	ttgctaaaaat	660
cttgctatta	ttgaaaaatg	cccaaaccct	acatttcagt	gactaaagag	caaaaccagt	720
gttcaactctg	acatagnttt	tttaaatttt	cattcattca	ctcat		765

<210> 2560
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 2560
 gnnngnnnnnn ttngngaann cennnnnnngn nagnnnnnna agnnnnntttn aannnnntttt 60
 ncnaatgcna ggctcttggt ctttttgcag gntcccatcg attcgaattc ggcacgaggt 120
 agagacgggg tttcaccatg ttggccagga tggctcfaat ctcttgacct cgtgatctgc 180
 ctgccttggc ctcccaaagt gctgggatta cagggtgtgag ccaccacgcc tggccggctt 240
 atttttatcc acagtaaact ttcagcaact cattgtctcc accagatagt atttttctgt 300
 aaatgaaatg ctgacttcgc ctcttctcgc tgtatgctca tccctgcaact gagcacagat 360
 atgacaagca gtagccatgg gggangtggg tgacaaagat aggaccccg gaggggggcg 420
 aggtacatgc tagtttcaat taccacagta ttctagagac nggttgcaat gacaaggggg 480
 gcaaatgaaa tcaatgcaag attttctaat aatgggcaga cagaaaaatg taaaaccaca 540
 caaaacggac tgctgataat attttaaaat atacttattt gncttctttt tgcattgtga 600
 aaaaacaaaa taaattttgt gtgataattt tgatgatgaa aggtggaaaag ttctacctan 660
 atttgaatga ntgttttttt aangggaatg aaaatgtcat ggtgctnaac cttgccaat 720
 agaagaatca ttgaaatgc tgaaaaattt nacagtcttn tta 763

<210> 2561
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 2561
 tatatatata agctacttgt tctttttgca ggatcccatc gattcgctcc agcctggggc 60
 gacagagcaa gactctgtct caaatagata aataaataaa aatacaaaaa aaagaaactc 120
 aaggtacagt ggtgggagtc aaaaaagcat aaggggagaaa accaagactg aaaactgtta 180
 ttgagcttag tctgtgccta gttcagtcct tagcatttta caagtcttct ctgagttaac 240
 aaacttgttg gggaaaactga ggctttcaga tgttgaataa cttgtgtaag ttgtagagca 300
 ggttcttttc catagtccg cattttttac ctgcaataca gcaatgcggt tgcccaggcc 360
 cctcccagga gagttgcagc ttccccggag gccacacttc ttcaacacct tttgcctaaa 420
 ggctcttttt ccctaaaggc tcaactcatc ccttgcaaaa taccctaaagc caaatgagtc 480
 taganggtaa accagccatg taggatgtgg acctttacaa ctgaaggaaa ctgaggtatt 540
 tcaatatgat gaaatactct gtagtcatta aaatgataga tgtgaatgtg tagaaatatg 600
 aaaaagtgtt gggaaaaagt tgcacatatc tgaagaaacc aattgaaagc aatgggcatt 660
 tattaattta ttttggttnt ggtttttttt tgagaacaag cccnct 706

<210> 2562
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2562
 gnaagnnnnn nnnngnnnnng nnnnnnagag gnnnttgaaa ncnnttgca atgcnaggt 60
 acttggtctt tttgcaggat cccatcgatt cgctgaataa caacctaaact actaccctc 120

```

aacctcaccc ccaccccagg aaaagtaagt ctttttctaa cgatccacca gattaggggtt      180
acatttaaca gtaactagaa aggttaattn taaccttaat cagaaagatt aatttctgtc      240
ctttcagtct tctttctgtg ctcataaata agcattgntt cttttaatca acctgggcag      300
tatctttctc attttaacag ttgtctagag ctcagttgtc ccagcattta tttcactggt      360
ccctgatgga tggaggggtg ttgtgcttca gtgtttgggc agtgcagacg atgttgagat      420
tcacattcgg tctcgtctct ttgttggtat aggataagtt ctcaaagggtg ggattcctag      480
atccaaggct tctgacacac aactgctga ttgaacctca gtggcagtgt ttgagtgcac      540
ctgttcctca ctccatttc acctttattc acatgttgat tctctcagca tttaatgagt      600
gcctattatg tgccaggcct tccttcagtg ctggggccct tcancaatca aggagataa      660
agattgctgt tgtgagccat gtgtggtagt gtgcacctgt agtcttagct acttgggaag      720
ctgaagtggg aggattgcgt gatccccgg      749

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<210> 2563

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (701)

<223> n = A,T,C or G

<400> 2563

```

aaatngctag gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg      60
ggccatagcc tctattcctg ccagctgtg gatccctcagc ttgccatgtt aggtacactg      120
gaccagcttg tggagccata gcccaggagc tcaggacat tgagtgcagg tttcttactc      180
ctacctgctg gccctgtggc tgtccctggg gcccagccca gctgcagcaa aacctacaaa      240
gcctccagcc atggttaggc tcttggaact gccccagtca gctggggcct gggctgctag      300
gggttttggc acacgtccat gtttggcgga ggggtgtgct tcaaaccctg aagggcctaa      360
tttcaccatt ctttctggct gcccaaggga acttccctgc ttttctccct tgcgtgtggc      420
tggataaaac tggcaatcag aaagtcaaga gctacagctg atggtcatgg tgttcccaga      480
gagtcaggaa tatccatgga agctgagcag atgccctggt gctctcccat ctcagctctt      540
tgattctgag accatcatcc gctcattgac ctttgatcac aaaactttga acttctgaat      600
tctgtcccaa atccctngct cttttttncc ctatccctgt gcccaaccagg aagtttcttc      660
tatttncang cctcctggca naagcaggct tccggttggt t      701

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<210> 2564

<211> 697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (697)

<223> n = A,T,C or G

<400> 2564

```

aaatagctag ctcttggtct ttttgcagga tcctctgatt cgaattcggc acgagattaa      60
attcattagt gtgaaagagg tgggagttag gttttctggc ctgaagcagt ctgcactgaa      120
aggtacccaa gtggcctgaa acagtgtagg gaaagacctg ggaaacactg gacaaaaaaa      180
gcctgatctc atggagacct gcatggccct gttagagatg gcgtagaagt gaaagtctta      240
aaggagcat tagagatcct ttaatacac gactgagtgc cagcttattt gtgatgcccc      300
ttcccagacc aggttaggat tcttgggaag gcccgcggat tccggccctg gaagaggcag      360
gatcctggag cagttttgtg aggtttttgt gctcccatc gccccctggg ggtgagtgtg      420
aagaagactt tgctctcac aactacatgt atgtgtggca tttttgttag agatgagaaa      480
aggattgaga aggataaact ggaatcctgg taagaacctt tatgccaccc gacacctgct      540

```

```

gtaattgggg tgcattgagct atggagtcag atagttgttg gganggggan gacaagaagt      600
ctattgtttg gactgtgttt gctcacaatc accacaaaat aaaatgtnga aaatgaaaaa      660
aaaaannnaa aaaaaaaact cgagccttta aactttt                                697

```

<210> 2565

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2565

```

gnnnnnnnnn nnnngagnna ntcnannnnn nttttatnna tacangctac ttgttctttt      60
tgcaggatcc catcgattcg aattcggcac gagctcattt tattttgcat atattaaatt      120
gagtaggttc agctctaaca taccttaaga aaaatgcata tcggtgcact gtatgtattt      180
caaaatgcct ttctatgat tgtcatgtcc tcctttaagg cttttccctc aaatttatta      240
caaatttagt attttttagta cttgatgact ctaattacat gaatgcacct ggaatgacat      300
ttgtaacaga agacagtctg acttgctttc agtattcaca agttctttcc agtttccaag      360
tcttttctta gcagtaattt aggggagaca gaggagtttc atgtaaagag catgcagttt      420
ggagtcagaa cctgggtatg actctgtggc cttgatgaag caagtactt aaactcttga      480
gttttagctt tctcctttac aatgcatgaa tgctatccc cctacaaaac aaagattaaa      540
tgtgatgatg tatgccaagg ggctttgnat attgtaaaag tgctatataa ttattaagat      600
ggtctaaatt ttcaagggat ctaaaaccan gggattggca aaccgttttt ncaggggagt      660
aaatattttt aacgcttttg catatattaa attaatggaa ggtggttgaa aagggattng      720
anttingacca ctttgaaagt acctcangga taggggc                                757

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<210> 2566

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2566

```

gnnnaggttn tagancagct cttgttcntt gngcaggatc cctcgattcg aattcggcac      60
gagagtgtca gttttcctaa tctcagttca ggttaggaatt aagaaatata tcaagtgttg      120
atgctatcca agcatgttgg ggtggaaggg aattggtgcc cagaaaatgg gactggagtg      180
aggaatatct tttcttttga gagtaccctc agtttatttc tactgtgctt tattgctact      240
gttctttatt gtgaatgttg taacatttta aaaatgtttt gccatagctt tttaggactt      300
ggtgttaaaag gagccagtgg tctctctggg tgggtactat aatgagttat tgtgaccac      360
agctgtgtgg gaccacatca cttgttaata acacaacctt taaagtaacc catcttcag      420
gggggttcct tcatgttgcc actccttttt aaggacaaac tcaggcaagg agcatgtttt      480
tttgnatatt acaaaatcta gcagactgtg ggtatccata ttttaattgt cgggtgacac      540
atgttcttgg taactaaact caaatatgtc ttttctcata tatgttgctg atggttttaa      600
taaagtgtcaa agttctcctg ttaaaaaaaa aaaaaaaa actcgancct ntanactata      660
gtgagtcctt attacgtaga tccagacatg atnagatcat tgatgaattt ggaccaaccc      720
aactagaatg cagtgaaaaa aatgcttttn t                                751

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<210> 2567

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 2567

gngnngnnnnn nnnnnnnngnn agnnnnnnnnn nngnnnnngnn nnnnagngnnn nnnnnnnnnnn	60
nttttnanna tacagctctt gttcttttttg caggatccca tgcattcgaa ttcggcacga	120
gggtagaaga agaaatgatt acgaaaatcc tggataagcc agctcccttt caaggggatc	180
agtgtcctca gtccccacc cccacctaaa aagcagggtcc cattcagccc agccagctca	240
tccctgcagt tccatccagg acctacaggt gtgcgccctcc gcatggcgag gcccggaagg	300
gcagctggct gcaggaggca gaggagtctg gaccgctaac ctgagcatgt ggaaataata	360
tatgtcttca agtgaactgt ctggtcctgg agaaataaaa taggacattc ataagcagtt	420
caccatctgt ctttatacca tcatcatcaa cagcaagang aaaaatagct ctttaaaatg	480
gatgaaagcc caagctgcag taaccggaaa actgtgagct ctgaatacca ataaaggtag	540
agaaatgatt aaaaaacaga gatgcaaact gaaaatttgt ctggacagct cangcccacg	600
atgctttgca ggcanggtgt gtttatttgt tccgaaagca taaagcaagc tgnttaccaa	660
gagccagcct ggggaaggct tgggtctcgg nccctggaaca cgtnggaacc agggcaaaat	720
ancttccgct ttgaacaaaa tctggtccca ccttac	756

<210> 2568

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 2568

ggnnngnnnnn nnnnnnnntn ttntananac angctacttg ttcttttttg aggatcccat	60
cgattcgcca ggtctctcca ctgtcaagtt actattattc cctttataat ttgcagttta	120
agatgaaatg cactagtttt agtgcttcat ctgtaaaact acttttttat gtgaatttat	180
tttttaaaaa atgtctgtca ctaaagagaa aatcatcatc gcttggcatg gataaaaaaca	240
ctaactgcca aagtcattaa cttttggcca aataccaaag ccagctaaag tcacagggcc	300
ttggcctgta ttctttgtta aaaagagatt aacaactgtc ggggtgataaa cataagatat	360
accagcacca aactgaactt tctcctctaa ataatcataa ggattgacca aaaactgaaa	420
agcaaattgc ttgtcacta tatgtgattc cttgttactt agggtcacct ccgtataccc	480
tctaaaattg ttacttacat gctttgcagt tggacatatt ttggttttaa tcccagctcc	540
accaacacct cagacttcat ctcctaagcc tcggtttccct tctctgtaaa acagggataa	600
tagtagcacc tgcctaaggg cttgtgcaaa ttagattggg atagtgaatg atgtatagtt	660
ggtgcttgct taatgaatga cgtggtcagt gtcaatggcg tgtcagaccc tgaaggggct	720
ctagcccagg aagccttccc	740

<210> 2569

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 2569

gnnnngnnnnnn	nnnnntnntn	ntgncgttct	aatgctnget	actcgttctt	tttgcaggat	60
cccacgcatt	cgaattcggc	acgagattac	aggtgtggcg	tgagccaccg	tgccccggcca	120
agctcctggc	cttcttattc	acttgacagt	tttgagaatc	tttgatttca	gggatgttga	180
gagctgctcc	tgtcatctgg	agttgagtct	cacccatggg	ctacagtgtg	cacaggagtg	240
ggaccttctg	ttcttgaact	taggctgtgg	tgtgatcacc	cttttctctg	catccacctg	300
acaggctggg	acttgggcta	tgtctctggc	aaggctggct	gggtgcaatga	tgccctctag	360
aggatggatc	aggcccgatc	accacctcag	attcagtgc	tgtctctctt	cctctttcca	420
cttggccctg	gtgacagaca	gatagaggcc	cagctgacgt	gtctatcgga	acgactttat	480
ttcagtacac	tgggccccac	caggcaatgt	ggtttgtgcg	agctgtgcga	gggacangct	540
tgggctaaga	gaagggaggt	gaagttggnt	aaacgcactg	cantccgcgg	gcgctaogtt	600
gctttcacac	atacctgctt	cttgtggccc	acacctggca	ngggcctttg	gcataggacg	660
gcntggggga	naatcttgtg	tgaagtctgg	gattgggggtg	gggtcttggg	gtncagggtga	720
nggtgccggt	gaaaaaac					738

<210> 2570

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2570

ngaaancagc	tttgtncatt	tgcaggatcc	ctcgattcga	attcggcacg	agcccagagg	60
ccaccaatgg	caatagtagc	cgaagcgtac	ctgtagttca	gcttttgaca	tgtgtgtaaa	120
acatgtccat	taacatgtgc	ttaatctgtt	ctgtgaaagt	attttcagaa	atgataaaaa	180
gtaatgatgg	ttacatctga	atataagtta	gatcatgaca	ctcactcctt	ttttcagaaa	240
ctaccagtgg	catcacatct	tactcagagt	aaaaaccaca	gtgggcttac	tgtgggctgc	300
aaggcctcgt	aggatttgcc	ccccatgact	ttctgacttc	atctcttgtc	acacatctcc	360
ttattcgctc	cacgcgaagc	acagtggctt	tttctactgat	tcttaaacat	gccagggtaca	420
ctggcctcag	agcctttgca	ctggcttttc	caggcactgg	cttttctactc	tgcttgga	480
gctctttcgc	cagatatttg	catggctagc	tccctcacat	tctcctgggtg	tttactcaaa	540
agtcattgctc	tcagtgaggc	cttgtatcac	caccctaact	aaaattatac	ccattttattc	600
cttgncttac	atcttcctgc	ttatttggtc	ttagcattca	ccattttctt	atgtgcaacg	660
tgtttgtgat	ggttatatca	tttatttctg	notttccaat	tgggaatgta	agcatcagga	720
atcagatttt	gcc					733

<210> 2571

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2571

ggngatagca	ggctcttgn	ctttongcan	gatccatcga	ttogaattcg	gcacgagact	60
ccatctcaaa	gaagaagaaa	gaaaatgaaa	aatggntgag	aaaagttaag	taacgtntcg	120
aggctggagg	ggccccgctc	ctcctcacct	tggggagaag	gacagcgtga	ggctagcctg	180

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ccctacactg ggtggccccct tcccctggcc tgaagttgca gcacctgcag gctaaaccag      240
cacatgcatg agggctgctg ggcoggggct tngggagcag ccgatgcttc taaaaccctg      300
ctctgggtgg actctaggga tgcagtttgg gtctgtgtct ggggctggca gacaagccca      360
cgtgcccacc tctgcagaat gagaagtaag ggtgggcacc aggccttgc cctcacgttc      420
tgctctttct ctaagaactg cagaaccttg gcaagccctt tgctctgcg tggggtgccc      480
gtgtgccccct catgaggata agcccttcgc cctgcgtgg ggtgcctgtg tgccccctcat      540
gaggataagc nctttgnccc tgcgtggggg gcccggtgtg cctcatgag gataagccct      600
tcgccntgcg tggaatgcct gtgtccccc catgangata anccctttgg ctttgggtgg      660
antgcctgtg tgcccctatg angataaacc cttttgcctt ctgcntggaa tgnctgtgtg      720
ccccttnggt taagcccca tgnaa                                     745

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<210> 2572

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 2572

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gtgnnannca gctctngtnt gtnngcgacn cgategattc gctcagctga aaattctttt      60
ccctatctag ttttgtttaag gaattcaaca catgccagtt aagctgtcag aaatgaaata      120
atctacctcg aggctgtatt ttaacagatt attatatcga aagaaaaaaaa tgaatgttta      180
taaaataaca tttctttttt tttttttttg agacaggggc tcaactgggt cactgcagtc      240
ttgacctcca ggctcaagtg atcctccac ctcagccttc cgagtagctg ggactacaag      300
tgtgccacca tgcctagcta atgtttgtaa tttttttttt ttttttttgt aaagatgtgg      360
ggttttgcca cgttgcccag gctggtctca aactcctggg ctcaagctat ctgcctgcct      420
tggtctccca aaatacttct gtaaattgtaa gaaaagggga ataataagat aatagagacc      480
tctgatgatt ctcattactt gnctttgnaa taagatctta aaaaagaatg tgtggcaaac      540
aaaggaaaaat accagttcta ctaaataaat gtctgtcttc cctgaactct nccatctttt      600
aaacatgaat ctggattttc tgnaanggtc tcttncccta tccaccact taaaaaaaaa      660
aaaaaaactc gagcctntaa actatgggga gtcgnttacg tgatcngaca tgataagatc      720
nttgatgagt tcg                                     733

```

<210> 2573

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 2573

```

ttcnaatagc nagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagag      60
agggttgggtg aaaattcaga cagaatgtaa cttgacaaaag agaagacagc aacaactgta      120
acaattatct tatgaatatt tgcgaactca aagggatctg attggtgacc tctgggcttt      180
atcaaattaa catcacaact tctagaagaa agtcaacctt catcttttac aatagaaatc      240
atatgttttg ctaaccatt cctatttagg ctgaaaacaa ttaagagtta tgggtactta      300
aaaaaatcat tatgtttata aaattagtga tagaaggagc atagtgttca tacagtcaca      360
cacatacact tccttatttc ttttatttaa actttgagta acatagcagt ctatgttttg      420
gtcagttttc ccttttttgt aattacattc agtgggtttt gtaacttcat tattttattgg      480
gaattaagtg atttagtcag tgggagtttt gtaaaactta agattttggg catttttccc      540

```



```

cctcctcctg gataaccagt taaccaata atggcttggc ccgatggaag ggtaaaatga      600
ggacagttat attttttaaa tgtcattact gncaccaa atcacatatc attttctaag      660
ataaggaaat tccaccattt tttcaagttg caaaaaagta ctctggcttg cagggtata      719

```

<210> 2574

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 2574

```

gnngttaatc agctcttgtc tttttgcagg atccctcgat tcgaattcgg cacgaggctc      60
ctggcntgaa gaagatcaag ttagacactc cagaggaaaa ttgcacggtg gagggaagaa      120
agaaggaaaa actatccaac tctggccaat attgaaagga agaagaagt aaaacttgaa      180
aaggagaaga gaggagcagt attgacaaca acacaatatg gcaagatgaa ggggatgtcc      240
agacattcac aaatggcaaa gatcagaagt cctggcaaga atcacaaatg gaaaaacgac      300
aattctagac agagagcagt cactggatca ggcagtcact tgtgtgattt gaagctagaa      360
ggtccaccgg aggcaaatgc agatcctctt ggtgttttga taaacagtga ttctgagtct      420
gataaggagg agaaaccaca acattctgtg ataccaagg aagtgcacc agccctatgc      480
tcactaatga gtagctatgg cagtctttca gggtcagaga gtgagccaga agaaactccc      540
atcaagactg aagcagacgt tttggcagaa aaccagggtc ttgatagcag tgctcctaag      600
agtccaagtc aagatgttaa agcaactgtt agaaattttt cagaagccaa gagtgagaac      660
ccgaaagaaa agctttgaaa aaacaaaccc ttaaggaggaa aaaagattat cccactatca      720
aacgttattc gaccagnaca cac                                     743

```

<210> 2575

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2575

```

ggngggnnnn nnnnnntttc aaatagnnag ctacttggtc tttttgcagg natcccatcg      60
attcgaattc ggcacgagca aagggtgatct caggaaagg ttaagctagt ttacagtatg      120
cccatttcct gtgtaaacca ttaatttaa atgactctgc ttgtctcact gttatgataa      180
atttgtgtgg tagatcgag cctgttagct attactggaa gttttctgct tttattacag      240
gcctctcaaa taggtagggt ttaacatttt attggacccc ctgccccttc ccaatttcaa      300
ctattaaatc cttaaatttg ttgttttggg tatgcagaag ttagttatca ggttatatgg      360
ttcccaatga gtgaggaaat tgggaagggt ttgtgttttt tttgtcttgt taactagaaa      420
tgggttttgt agtttagctt aagggcccca acagcttggt tgagaagaca gctatggaac      480
ttgagctgtt tacatgtttt ttaatactgc gagtgtatta ggaaaattgt acaagtcctt      540
ctcttggtct ttaggactta agtgagttaa aagagatgac aacatgtgtt ttccccaggt      600
aagctttctt tgaggatttg nctttctttt aaaaaaaggt gcttgggcac ggtggctnac      660
acctataatc cccactttt gggaactgan gtgggaggat acttgancct anggagtcn      720
aaccagcctg g                                     731

```

<210> 2576

<211> 745

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2576
 gnnngttaga tcagctcttg ttctttttgc aggatccctc gattcgctga cctcctcctc 60
 agagaaagca ctggccaacc agttcctggc ccctggccgt gtgccaacca cagccagaga 120
 gcgagtggcc gccacaaaga cgggtgcatct gcagtcacgg gcgcggtaca ccagcgagat 180
 gcggagttag ctactaggca cggactctgc aggtgagtca ccatgaacac aacaggactt 240
 gagggccagc tgactaggac aagacatgta tccttgctgc cccggggcct ccatgccgag 300
 actccatgcc ctgactccaa caggagcatc accaaactac acctggagga agagccagga 360
 cagaggaaat ggccccgaga ggaaacaaag ctaggcacag tggctcacac ctgtaatttc 420
 ggaggctgag gcaggtggat cacctgaggt caggagtttg agaccaacct ggccaacatg 480
 acaaaaccat gtctctacta aaaatacaaa acttagccgg atgcagtgcc acgtgtctgt 540
 agtcccagct actcgggagg ctgaggcagg agaattgctt gaaccagga ggtggangtt 600
 gcaatgagct gagatcacac cactgcactt caaccgggg cgacagagca agactccgtc 660
 tcaaaaaaaaa aaaagcnaaa aaaattacca ggcgttggtg accacacctg tagtccagca 720
 tacttgggan gctgangcag gaaga 745

<210> 2577
 <211> 731
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 2577
 gtgnggggnnn nnnnnmnttt naaataagana gctacttggt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgaggc agcagcagcc cgaggcctga ggagaggaga ccggcgggcg 120
 cgggcaatgc tggagaccct tcgcgagcgg ctgctgagcg tgcagcagga tttcacctcc 180
 gggctgaaga ctttaagtga caagtcaaga gaagcaaaag tgaaaagcaa acccaggact 240
 gttccatttt tgccaaagta ctctgctgga ttagaattac ttagcaggta tgaggataga 300
 tgggctgcac ttcacagaag agccaaagac tgtgcaagtg ctggagagct ggtggatagc 360
 gangtggtca tgctttctgc gcactgggag aagaaaaaga caagcctcgt ggagctgcaa 420
 gagcagcttc agcagctncc agctttaatc gcagacttag aatccatgac agcaaactctg 480
 actcatttag aggcgagttt tgaggaggta gagaacaacc tgctgcatct ggaagactta 540
 tgtgggcagt gtgaattaga aagatgcaaa catatgcagt ccagcaact ggagaattca 600
 agaaaaataa gangaaggac ttgaaacctt caaagctgaa ctagatgcag agcacgccca 660
 gaagtctgga aatggacaca cccacaaatg aactgaagga ccgcagaagt tttttgagga 720
 accttccacn g 731

<210> 2578
 <211> 801
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(801)

<223> n = A,T,C or G

<400> 2578

```

gtgngggnnnn nnnnnntttc aaatagnnan gctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgagga ggaaagcggg gcgtgaggcg ggcgccagg gcacgacttt      120
gaagattatc caatgagaat tttatatgac cttcattcag aagttcagac tctaaaggat      180
gatgttaata ttcttcttga taaagcaaga ttggaaaatc aagaagcatt gatttcataa      240
aggcaacaaa agtactaatg gaaaaaaatt caatggatat tatgaaaata agagagtatt      300
tccagaagta tggatatagt ccacgtgtca agaaaaattc agtacacgag caagaagcca      360
ttaactctga cccagagttg tctaattgtg aaaattttca gaagactgat gtgaaagatg      420
atctgtctga tcctcctggt gcaagcagtt gtattttctga gaagtctcca cgtagtccac      480
aactttcaga ttttggactt gagccggtca tcgtatccca agttctacca aacccttcac      540
angcagtga caacttttaa gggaagagcc cgtaattgta accccacctt accaaaccaa      600
tcacttagtn aaaagttcct aaaaaacttc caaaaatggg gccacttaaa aaatgggatt      660
gnatTTTTTg aaatgggtgg aaacttnctt aaaanttagg aaccaccttt tngggnatTC      720
ttctggnaat tattncctaa tgggggnttt naaaatggaa agaantttcc cccaattgg      780
gggacctttt aaaaaaatgc c

```

<210> 2579

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2579

```

ttntttantg gggntttcng gctttcnaat ngcttggtta ctognnctct nngcaggcat      60
cccatcgatt cgcgcggggc tgcccagcct ggctctgtct acactggccg agtctctggg      120
tctgtctaca ctggccgagt ctccgactgt ctgtgctttc acttacactc ctcttgccac      180
cnccatncc tgcttactta gacctcaccg ggctccggac ccggtacggg cagtctgngg      240
cancangaat gaanggcgen ccgnnccctn ctccatagga ggctctgggt gggggcctgc      300
tncccatacc cacaagetca cccagcanc ccatgtctgc tgtnganttc agctttacca      360
gcctcagtgt ngancttca tncnagcnca cangcctngg gcttgncang ggccnancgt      420
gggctnggcc cctgggtntt gaganactcg ctggcaccac agtgggcccc tggaccccgg      480
ccgnncanct ggtngactgn aggggcttnt gactgngcac aggngetncc caacttttgt      540
tcnacnngca ataaagaatg ggcntgaccc tggtnattat aactttgggn ncntaanggn      600
ggctaaaggc cccccatta aaatgcgcct aaactttnaa nggntttgna nggnaantaa      660
antgcctgna taatttaatn ttaaaaantt ggncnanngg aanttnacct cntnancgaa      720
taaaacctgg gcaacnnaaa nttanttgga cccnnnataa tttttgntaa aacccccctt      780
ataaaacttn gggatntctt tttgggtaaa nnnnancgtg ccctnnggan tcttaaaacc      840
g

```

<210> 2580

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 2580

```

agggtggttnn gangncattc naatnganag ctacttggtc tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggac ccacctctc caggcctcag tcttatctct gaaatgggggt      120
gggtggtgag aggtggcttc taagatcttt ctacttccca aacttggaat tctcttttta      180
ggagcatctg cgtgcccgaga tgtatggttg agcccatggt gtatgggggt ggggtggggg      240
gaagggntnn gtnnccnaat ncaactgtggc cttnnntcgn ngtganatan nntttnannt      300
ntnnacntca tcntnntnnn gtttgnectn tnnnanacnn tcttnnnnt nntttattat      360
ggannnttct ncanntntat nntanatna cntnnnttca tnnnnatttn tnggnatttn      420
tccnnnngnt nnnanatnnn tnaantncnt angntnctn tntntntat nntgnantt      480
nananatnnn nnnntntann atnnntatnn nnttnnnnt nnatntntng gnnntnnnnn      540
annncnnttn gnnnnnnnt nnnntntnn nntnnnnnn ntncnnnnn ntnnnnnnnn      600
nntnnetgnn tntntntaan nnttntgtna nnnntnnnna nntnngntn nnnnnctnnn      660
nccnntnnng nttnnattn ntntannnn angtcnnttt nnnccnanac tntntnnnaa      720
ntgnntnnnn cnaannaatt nnnntntcn aanannngn cnntatttn ctannntatn      780
ngnngntntt ttannnnnnn nnnnnntat tntattngt ntntttnt ntatnnnnnn      840
ngntntatnt ttncnctnn ntgntctnat nctnnngna ntnnnnnant tntatctna      900
tntgtcnntn atntntatn acacttnta tattnnngcn nntntaann nnatatnnnn      960
taatgtctn nntnnntcnc atntttctta nnnntnnnn ntntntttt ncntntatcn      1020
tntgtctn ttncntann ntannnttn nttaaannat ntntntnn ntntntnnn      1080
antccnntnn tntntntat nnnntnnna ntnnntntt nncacttnt anantnactt      1140
ntnnannata nntnnnnact annatnantn gncnnantn tatatccnc c      1191

```

<210> 2581

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 2581

```

gggnttanta ncagctctng tnggtggggc aggatcccat tgnnaatntc agctacttgt      60
tctttttgca ggatcccatc gattcgaatt cggcacgagt gagacagagc agccccagaa      120
cacacaccgg ggagtacagg agcctaggcc acgtacccaa cattgcaggc agagaaaaaa      180
gaaagtgtat tccatgtaag caaatgttat ttggaccttt ctctctgtct gacctaatca      240
tggtcacag aaagtaatac tactcctaata aatacatcaa cttatctgat ttatccacac      300
aatcacgtag attaatgtat gcttctatnt cctggctcgt ttagcataat attgatcata      360
aattgataaa taggaataaa acaatataat tagattaatt tacaatacgg tatagttgac      420
taataacatt ttcacgattt acatactaag aataaaataca tttttaatca aatgtctccc      480
ctaggtggtg cattccaggc cttagaataa aattaaaagg gaaatcaatg aagacacatc      540
cactggtcac actctcatct tcaatgtttg accagtggct gaactgtttg gagttgcaga      600
atggatattt ctcttttata gttttagggt gcttggaat tgctctttta atgctcatgg      660
ttactcttat tctggnggc ctttaactca ttaaagacag ttttccattg agaaaaaaa      720
nnnnnnnnnn nnnnnnnna aaaaaaaaaa gncttttga actnttn      767

```

<210> 2582

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 2582

tggnngnttt	taaaanncag	gcncnnggn	nngannnttg	ntataganag	ctacttgtn	60
ctttntgcag	gatcccatcg	attcgaatc	ggcacgagg	gattacaggc	gtgagccacc	120
gcgccagcc	tcatatcccc	catttcaaac	acgctgtaa	caatgctcaa	ttactttcct	180
cttaagttga	aaccaccaat	tactggggaa	aggggcagtt	agattttatt	ggttgacttt	240
gtgtttttac	taatccttgt	tgaaaagtag	aggaattggt	ttagttgaga	aaacaaaata	300
ctaaaaaatc	tgccactaga	ctttttaagt	caagagtttg	tataaaatga	aacatatcta	360
ctatctaate	tataaaatct	agaatctttt	taattctaaa	gttaacttaa	gtgtgatttt	420
tagtgctgtt	gctgaggcca	gtgttgctta	aagcaggaac	ttctacagta	attgacaaaa	480
cttgagtttt	tctgctctca	tttatccatc	cttcagaccc	ctcagatgtc	atctattttcc	540
tgaaatctga	cttctccagt	tttagtaatt	cttacaatct	ttcaggattt	agatagtact	600
gtcagttttac	tgctatgtat	atgtctttta	tacttggtn	tttcagatat	tacactaatg	660
nctcatctgt	agtataaatc	agactttctg	ncttctacca	gttacataat	ttatataatg	720
gtgcagtaca	tgtttggtga	ttactaggct	gga			753

<210> 2583

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 2583

gggnnttaanc	cntnnnnntn	nnaggggggn	nnnnnnnttn	tangantcag	ctcttggtct	60
ttttgcagga	cccatcgatt	cgaattcggc	acgagnaatg	cctctatgta	ggtgaagtgt	120
tctctctgca	tgcaacagta	aaaattaata	taatatatttc	cccacaaaag	aaacacttaa	180
cagaggcaag	tgcaatttat	aaatttatat	ctaaagggga	atcatgatta	taagtccttc	240
agcccttggc	tctaaattga	ggggattaaa	agaattttta	aataattttg	aacgaattta	300
ttttcccttc	agtttttgag	ggcattaaaa	aggcattaaa	tcaagacaaa	tcatgtgctt	360
gagaaaaata	aaattaatga	aacacagcac	ttatgttggt	taactgcagc	ctccttgag	420
gtagaattat	ttatttaaaa	ttactgggtc	atcaagaacc	catagggtgt	ccaaaaggtc	480
tataaaatcg	catttttgag	ncaaagagg	caggcaaate	catgtcacia	gggtaaagct	540
tccaagttnc	caaattgggg	aacgccagg	gtgtagggat	ttaaaaaacc	ccactnttgg	600
agaaacccaa	aatgtaatca	gggggggctt	gaaaaacctt	gcatggggct	ttttaaaaca	660
nttagccctt	tgngttaaca	aaaatttctt	ggngatttgg	cacgatcccc	taanngnggc	720
ccattnggcc	cnaacaccaa	tttttgcccc	cttatgggcn	ctttnaaaaa	ttttaatttn	780
aaaaataccc	ctttttncgg	ggn				803

<210> 2584

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2584

tggtgtttnga	tcaanngtc	ttgttctttt	tgcaggatcc	catcgnttcg	aattcggcac	60
gaggcaacac	aaactgaatt	tccttattgc	tgatagctgc	ctgtagaggg	gtggtcaaag	120
agactctacc	tggaaaatc	ttacagaaaa	acattattga	ataccctctt	agtttcagag	180
tttccagtct	catttctcct	taaatctatt	cacaaaaaca	ccaccagttt	ccctaccac	240

aaacacacac	ataagtacac	actcacctat	tttcaccttc	tcttcactt	ccacctttgt	300
gttgaacctg	attaaactct	gatactttta	actccaaaat	atgctatgct	cttattaaca	360
actggatctt	agtagtttgc	aaatgtttat	ttctcgttta	tatgcagttc	attgtgagca	420
ggtggatgtt	ctgctccata	cccactgcag	tccgagatct	agacagaaaa	gtagcttttc	480
tctagaatat	tgnnggttcc	ataccagaca	ggaaaaatga	aattacacag	tggcttatat	540
aattttttgct	tgtactttca	cccacatttc	attgcaaaag	caagtcacat	agccaagggt	600
attgggttta	ngaggggtct	ctgaaaatgg	ccagtagggg	agacaaaggg	gatatttggtg	660
aacaatatgg	caatctatcc	tatatgtcat	tctttaagggt	ttaacacagn		710

<210> 2585

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 2585

agttangtcg	natcgngttc	tttttgcgga	tccctcgatt	cgaattcggc	acgaggaaga	60
agctgcagaa	gaaatgaaga	aagtgatgat	gatttagatt	ttgatattga	tttagaagac	120
acaggaggag	accatcaaat	gaattaatat	cactgtatta	aaagtctgcc	gggcacagtg	180
gctcacgect	gtaatcccaa	cactttggga	ggccaaggag	ggtggatcac	ctgaggctcag	240
gagttcgaga	ccagcctggc	caacatggcg	gaaccccatc	tccactaaaa	gtacaaaaaa	300
ttagctgggc	gtggtggctc	atgcctgtaa	tcccagctac	tcaggagggt	gaggcaggag	360
gattgcttga	accctggagg	cggagattga	agtgaagctga	gttcgtgcca	ttacactcca	420
gcctgggtga	cagagtgaga	ctctgtctca	aaaaaaataa	aataaaaagt	caatttagaa	480
tgtgaaattc	tgaccacctt	ttggctttga	gtattttcca	aaagatattt	gaaatcctaa	540
tgaggaaatc	agaaaaagct	atggaaaaat	agacaaattt	cataccttga	acaatataaa	600
ttnggtatat	taccttaaca	tcaaaaactaa	accaaggatt	caagaattga	tggttggatt	660
aaagaacctt	gcntcatggt	aaaaattaaa	attaaccttt	aattacnttt	gncctcaaaa	720
aaaaaaaann	nnnnnnnnna	aaaaccttng	aagccaangg	gccctttttg	gaggecccttt	780
t						781

<210> 2586

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 2586

nnnngttana	ncagctcctt	gttctttntg	caggatccca	tcgattcgct	cgagttttgg	60
atttgagag	aaatatttta	atttttaaat	gcagttacaa	attataatgt	attcatattt	120
gtactttctg	ttaaaatgca	tgattgcaga	attgtttaga	ttttgtgttt	attcttgatg	180
aaaagctttg	tttgttcttg	tttttaagtt	tgactcaaaa	tcttaagaaa	taaatccacc	240
catgttatca	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	300
acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	actagaatgc	360
agtgaaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	420
taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	caggttcagg	480
gggaggtgtg	ggaggttttt	taattcgcgg	ccgcggcgcc	aatgcattgg	gcccgggtccc	540
agcttttggt	cccttttagtg	agggtttaatt	gcgcgcttgg	cgtaatcatg	gtcatagctg	600

tttctgtgt	gaaattgtta	tcccgtcac	aattccacac	aacatacgag	cggggagcat	660
taaagtgtaa	aagccctggg	ggtgccetaa	tgagtgaacc	taacttcaca	ttnaattgag	720
ttgccgtca	ctggcccgt	tttccantcc	ggnaaacct			760

<210> 2587
 <211> 736
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 2587						
ngtaaatcag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggcg	60
tgtgtgtgca	caaagccccct	aaggtttcat	gtgtacacac	cgggtgctaag	tgttttttac	120
acccttgtgc	atctctcggc	ctggggctcc	tgtgcagggt	gccctgagag	ttgggttttt	180
agttcaaaaa	gaaggaacac	agatgactac	tctgctggcg	acacggccac	tctgctggca	240
cgcacatagc	atggcgccctc	cttttttggg	ggactctcct	tggtggcatc	tctggcaggc	300
tgtgtcctct	ccagctgcag	ttctggaccc	tgtctgggtt	ggggaggggc	atttggctct	360
caggctgagc	ccacctggat	tccccaggcc	cttggtgagc	gccactctgg	ctgcaactcc	420
ccttgcttg	cccgtcctga	ggccccctctc	tcgtcctcag	tggtggttct	ggcggggctg	480
ttcgtgatgg	tgttgatect	cttctcggga	gcctccatgg	tctacctgat	cgggtgggca	540
cggaggaacc	aggagcgtgc	cctgcgcacc	gtctggagct	cggagatga	caaggagcag	600
ctggtgaaga	acacatatgt	cctgtgaccg	ccctgtcgca	agangactgg	ggaagggang	660
ggagactatg	tgtgaacttt	ttttaaatag	aaggattgac	tcggatttga	ntgacattaa	720
ggctgagtct	gttctt					736

<210> 2588
 <211> 711
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (711)
 <223> n = A,T,C or G

<400> 2588						
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gagcacaggc	tttggttcag	aatataggtc	agccaaccca	ggggtctcct	cagcctgtag	120
gtcagcaggc	taacaatagc	ccaccagtgg	ctcaggcatc	agtagggcaa	cagacacagc	180
cattgcctcc	acctccacca	cagcctgccc	agctttcagt	ccagcaacag	gcagctcagc	240
caacccgctg	ggtagcacct	cggaaaccgtg	gcagtgggtt	cggtcataat	ggggtggatg	300
gtaatggagt	aggacagtct	caggctgggt	ctggatctac	tccttcagaa	ccccacccag	360
tggttgagaa	gcttcggtcc	attaataact	ataaccccaa	agattttgac	tggaatctga	420
aacatggccg	ggttttcac	attaagagct	actctgagga	cgatattcac	cgttccatta	480
agtataatat	ttggtgcaag	cacagagcat	ggtaacaaga	gactggatgc	tgcttatcgt	540
ccatgaacgg	gaaaggcccc	gtttacttac	ttttcagtg	caacggcatg	gacacttctg	600
tggcgtggca	gaaatgaaat	ctgctgngga	ctcacacatg	tgcagggtg	ttggtncag	660
gacaaatgga	agggccggtt	tgatgtcagg	tggattttgn	gaangacgtt	c	711

<210> 2589
 <211> 774
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2589

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aagatgttgg	ttctgatgag	gaagaagaaa	agaaggatgg	tgacaagaaa	aagaagaann	120
ngaagcaata	tataaagaac	gttggccaga	ttatgtaagg	gaactgcaa	gaaggatttc	180
tgcaagtact	gtagatgtta	tagaaatgat	ggaggatgat	aaagttgatc	tgaatttgat	240
tggtgccctc	atccgataca	ttgttttgga	agaagaggat	ggtgcgatac	tggtctttct	300
gccaggctgg	gacaatatca	gcactttaca	tgatctcttg	atgtcacaag	taatgtttaa	360
atcagatnaa	tttttaatta	tacctttaca	ttcactgatg	cctacagtta	accagacaca	420
ngtgtttaaa	agaaccctn	ctgggtgttcg	ganaatagta	attgctacca	acattgccgg	480
agactagcat	taccatagat	gatgtcnctt	atgtgataga	tggcngaaan	ntngaanaga	540
cncattnnga	tactcagaac	caatatcntt	tacaatgtcc	ctcttnagtg	gggntagnna	600
aaagcnttaa	tgccnnaaac	catantaana	agggtcnctc	ctnggnaaaa	annttcaacc	660
cttgggncca	attcgcntat	ncaatctngg	cttaacnggg	nncttttang	acnccaannn	720
mntttncctt	angntngnnc	ctnttcnaac	ctggncccnn	aannnttttt	cncg	774

<210> 2590

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 2590

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ttgcatagtt	gggaatcaag	ataatctgtt	tttaataata	caagaaacaa	aagcataact	120
atattatttta	tattacaaaa	gcaatcttta	gaaaaactaa	aaggggtata	taagtattga	180
gaggagagga	aaaggaatga	tatggatatca	tgaggtaatt	tttgatcaat	tatagtagga	240
aatagacaat	atctaaaatg	gataaaggga	aaatggcaat	attatctttt	tattttatat	300
tatttttaatt	ttttaagaca	agtgtctcgt	ctgtcgccca	tgctggagtg	caggggtaca	360
atcacagctc	actggagcct	tgacctcctg	ggctcaagtg	atcctcccac	cacagcctcc	420
cgagtacctg	gtactacagg	catgccacca	cacccggcta	atttttgnat	tnnnnnnnan	480
ncnnnnnnntt	nnnnntnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	cc					852

<210> 2591

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2591

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ggnttnaaat atcangetac ttgtttctttt tgcaggatcc catcgattcg aattcggcac      60
gagaataaaa gggtccaatt tgagtttcat ctgctcagct gccagcagca gtgattcccc      120
aatgactttt gcttggaaaa aagacaatga actactgcat gatgctgaaa tggaaaatta      180
tgcacacctc cgggcccaag gtggcgaggt gatggagtat accaccatcc ttcggctgcg      240
cgagggtgaa tttgccagtg aggggaaata tcagtgtgtc atctccaatc actttgggtc      300
atcctactct gtcaaagcca agcttacagt aaatagtatg tgatctgact tttccttttag      360
catttaaaga taccttttag aaatagaaag cacctgtttt tctctcttaa tcttaaccct      420
gtcttttctt ctcacagttc cccacctgac tcttcctttc cctacctttc attccacaaa      480
attaagattc ttggttatatt gtatctaaac ctgcaattat gttgaagacg acaccgtact      540
cagtgtggtg agtaacacag agatgaacca gacatgtttt tgctctttnt tttttctttt      600
tctttttttt ttttgagacg gaatcttgca cttgtcaccc caaggnttgg atgacatcct      660
gggttgcant gagctgaaaa tgggtgccaat gnacttccaa cctgggtgac aaaat      715

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<210> 2592

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2592

```

ntnagggggn ttgaaggnon ntttctanat gctaggetac tngttctntc tgcaggatcc      60
catcgattcg aattcggcac gaggtcatga tcaactcagt atagggtttt ttaaaaaatt      120
ttttcttaaa atgttttttg aacttcaaat aagtttggtt ggtgctacag atttaaatcg      180
acttgtttgt gaggataata gaattctttt tgctatgaac ttatcagtca gccagcgtc      240
tgtgagacgg tgctgcttg catggtgcag tccagagtgt attttgcaaa cgtctagcac      300
tgcctttatg taggaacggt gcttcgtttt attggtctaa aatttcccat gtcataacac      360
tttgatcatg ccttagagaa gtcttacagc ttattcagag cactttggag acattaacac      420
ccagcgtgca aatgcgtctt cttgcttagg cgtcttggtc cttgtgttca gcatcagtct      480
ctaggcccg c ttggtgtggt tctggaccan agaaagtgt ggtgagaaga tattcctcan      540
cagtgttggg agagcangcg atggaccctg ggtttgnntc gatgtggttc acgtgcggta      600
ctgtttctca aaagtgttca tttggagtac ttgatgtacc tggatttttg ctaacccttg      660
tncanctttg ctgttcttta tgtaaaatat attcattttc aaaggaaatg gttgggccgg      720
acacagtggc tnacgcctat tatccanca ctttggggag gc      762

```

<210> 2593

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2593

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agnnntanat cngctctctt gttctttttt caggatccct cgattngaatt tcggcacgag      60
aagaaaccag tagctagctg ctatttatat ggtgaggggg tgctgcttgg taacagaata      120
gctccacacc acagcttgag attttgttta gtttactgt gtgagctttc ataaagtctg      180

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ttgccattcc	atctctgtgt	taacacttca	tatttttatg	aaattcagat	aatttgtag	240
aggctggcat	ggatctaagg	atattattatt	tttattctag	tccatcagtt	cagtcgcagt	300
ttttatacta	ggacttttagg	atgtacataa	atgtgtgact	gtttgtcttg	attaaaagtg	360
cactgtgccc	agcatgggtgt	ttcttatatc	agggtgttta	gggagctcgc	ttgcttattc	420
cattctttta	tccttacagt	gtgccacacg	tataaagttt	ataacgtatt	aatgatctca	480
ttacccaaaa	ccagaacata	atttcacaa	ggttcctact	tctgtattgn	tttattatct	540
caaaaattta	aataacatgt	tctgctgttt	attggctctg	ntatccactg	nattagcacc	600
ttccctgatg	tgctttggag	gttgatcaat	gaattctgag	actttctgct	ggaattactt	660
taagggtgct	tattagatga	tgaaaaagtt	ggctgagacc	cn		702

<210> 2594

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2594

nntttagatc	agctctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
ctttatctct	aaattagaat	cacaaatgcg	taatcttttc	agggtaaaaa	tgtgtcatct	120
ttaaagtctg	tttcagatat	attttaaatt	actattttaa	atgaattcat	atggaaaagt	180
cgtgggagct	taaggccttg	tttaaaaggg	aaaaaacaac	tgagtctttt	tagattaatc	240
aaaaactatc	ctcttccttt	ggagaggaga	gagtgtttgt	cacacgcgga	atgaagtgcc	300
atgttctttg	aggcacgatt	tgtatgccat	ttggaggang	gagtcctgtc	aagagaatgg	360
attccctgac	aagctacgtt	tgccagaata	ttccaagaca	tgtttttagaa	gctacctatg	420
gcattaacat	cataacgcct	agagaggatg	aagatcccca	ccgacctcca	acatcngang	480
aactgttgac	agcttatgga	tacatgcgag	gattcatgac	agcgcgatgga	cagccagacc	540
agcctcgatc	tgcgcgctac	atcctgaagg	actatgtcag	tggttaagctg	ctgtactgcc	600
atcctnctnc	tggaagagat	cctgtncctt	tcagcatcaa	caccagcgac	tcctagagan	660
cnaaatgaac	agtgatgaaa	taaaaatgca	gctaggcaga	aataaaaa		708

<210> 2595

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2595

ggttmntagc	ngctcttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ttaggggtcag	atccatgtat	ttgtagcttg	gagggtgagcc	caggggttca	tacacaactt	120
tgctccctac	tgtctgtgat	ccctctgcc	ctttctgggt	ccttgagct	ccctttcatg	180
atcctcctgt	cagaatacca	gggctttaat	ttgccactc	tctgccatgc	acttctcatg	240
actgcatctg	catccagggc	caagcggtag	gaggacagag	ggagcctaaa	taaacaatag	300
gattttgtttc	acagtcttga	agctacagct	tctctgggtca	gagaaaagaa	ttcaaagccc	360
tcagagtttt	aggtagctgc	tcaaattcta	cctctgttgc	ctaagggttag	agagaacaaa	420
ataagaaaga	aaaaaaaaagc	aggagatttc	ccttattttc	tctgaacttt	tggcattcct	480
ttttctgttc	tttggaccag	aaaatgagtt	gaagtccctc	tgttcacacc	tgggtgtttac	540
tttcatgttt	caagctgctc	ttaagtctag	accaggtaat	atctgagggg	gaaaaaatgg	600
gacactcact	actggcttgg	tggtagttta	aaccctggct	ctttcccggt	gtgctcatta	660

tcattttacttt tcagagttttc cagaaagctg ctccatgcat tctatctaga

710

<210> 2596

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2596

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aggcttagaa aattaacctt	tttctatttag	gctgggtgcaa	aagtaattgc	ggtttttttg	120
ncnttaaaag taatggcata	aaccattact	tctattaata	aaaccctcaa	ttntcatttt	180
catagccttt cagaatggga	gtaagctttg	caatcaacct	gctccttcat	cttatctgta	240
cacttgataa atctgattca	gtggttgga	cggaatctgc	tttctctgta	ttgggtacaa	300
gcaagcactt tgcttggtg	agtgtagctg	cagtatagca	tagaattaag	actacagttt	360
catagtcagc gcagcttgaa	atgntggctc	tatcatttac	tagctgtgtg	atcttgcaca	420
aaatcctnaa cttctctgcg	cctgtttcct	cacttaaag	gnantnacat	tggtatctac	480
ctcatggagt ngntatgaag	attaaataac	ntgcatagna	acntgcanaa	gctncnnacn	540
nnnnnatatn ancctnanac	canctctnnc	ncctnccctn	ctnctnanct	aannaanacc	600
nnnnggtgng gngnaaat	ttctanaaa	gaaaaatntc	cttgaaancn	ttttnaaann	660
nnactaantt tntcantna	atctngtnna	tnncanggnn	naacctaaaa	tccanncnnn	720
nnganacntn cccntntat	tntatantnn	gnctannag	ggcanntanc	ctncn	775

<210> 2597

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2597

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gccacctggg ccccggggtt	ccgcggcac	tctcgccacc	accgcgtggg	tctgacaaga	120
tgtaccaggt cccactacca	ctggatcggg	atgggacct	ggtacggctc	cgttcacca	180
tggtggccct ggtcacggtc	tgtgtccac	ttgtgcctt	cctctctctg	atcctctggt	240
ccctgctctt ccacttcaag	gagacaacgg	ccacacactg	tgggggtgcc	aattacctgc	300
cctcggtgag ctacgccatc	ggcggggagg	tgcgccagcg	ctacgtgtgg	cgtttctgca	360
tgggectgca ctggcgccct	cgttcttgg	tggecttcgc	ctactggaac	cactacctca	420
gctgcacctn cccgtgttcc	tgtatcgcc	cgtctgcgc	cctcaacttc	ggcctcaatg	480
tgttgagaa cctcgcggtt	ctagtgtctc	cttatgtctc	ctcctccgag	gacttcacca	540
tccacgaaaa tgctttcatt	gngttcattg	cctcatccct	cgggcacatg	ctcctcacct	600
gcattctctg gcggttgacc	aagaagcaca	cagtaagtca	ngaggatcgc	aagtcctaca	660
gctggaaaca gcgntcttc	atcatcaact	tcctctnctt	cttcttngng		710

<210> 2598

<211> 722

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (722)
 <223> n = A,T,C or G

<400> 2598

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cttctgggtc	actggtagcc	gcgggagccg	ggtggggcct	aggcgatgat	ccggcattaa	120
ggagctggga	tcatcctccg	tctcaggtgg	tttggggaaa	gtgtaggggc	aaccaaagat	180
catcggtctt	actaggccct	ttgccctgaa	cctcatgaag	aaatgatagg	aggcagacat	240
atgtgcctaa	aaagagcggt	gagctcagag	aagagcaact	cggagttttg	ggggtgtgct	300
ttgattttgt	tacatcaatg	gcagaatcat	ccagcgaatc	agatcacttn	cgctgtcgtg	360
accgattgag	tccatgggct	gccagatcaa	cgcacagggg	aactcgaagt	cttcctacag	420
tagaagttac	cgagaagggt	aacactataa	caagtacttt	acaggatacc	agtcggaacc	480
tgcgacaagt	ggaccagatg	cttgacgat	accgagaata	cagtaatgga	caggcgggtg	540
cgatagaaca	tgtgagaaac	tacatttggt	tgcattttct	cctaccacc	ttttttgggg	600
aatgaantgt	tttgggggat	ggggcttgtg	aactaaaagg	aaaaaaacca	ttggtgaaag	660
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ct						722

<210> 2599
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (792)
 <223> n = A,T,C or G

<400> 2599

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gggggntgag	gcttncaaga	caccacacac	aactggttta	cctctctctg	notctctctt	180
ttttgtttcc	tttgetgact	ctttctcagc	atttcngcta	gggttnagtc	catggcattt	240
cttnacattn	ntggctacct	ttctccctta	angtacntnt	ctagacttcn	aantccatnn	300
attcctagtt	tnaagatntc	cctttancaa	cttaattnca	tnnanntttt	nanacacagt	360
ccttgaanat	tnccnanagc	caaaacacgg	antcgtaent	gaacccctnn	nnnntctcat	420
atcacatata	cggtntgtca	tcanntcatg	atatnettcn	cnctttnttn	nanantnttn	480
ccnntntctt	atnaattcnt	ttngnanctn	ttctnccnc	aatccaaang	annnttannt	540
gcttnnatta	aactatatnt	anngngntt	ttnttcnntc	tengnganan	aaanatnttn	600
naaancccg	tnncttaaat	ncaattntnt	gcncctttct	nnnaaatgnc	nanngncent	660
taatcatcca	actnggtngg	ntccaggggn	ncanatggct	ntaccaatcc	ttgcnaaanc	720
cntcacgnnc	tttttggcnn	nnggccttn	tantnccggc	nanatctacc	ctcgtnnngg	780
aangccantt	nc					792

<210> 2600
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 2600

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attctggaag gttgacctga tggagaagaa ccaggaaaac caagaccagc atttgaggaa      120
agctgggttt gtcaacaaca aaatactgat ggaagacaga aatagtgttt taggagaaac      180
atttaataata aattcaaacc ttgttccaat gagaaaaata cctgataaat atgacttatg      240
tataatgaac gtgaattata tttcagaatt aattgttagt aatagaaact cctttggaag      300
gaagcttgat gagctcagtg cacatgcgaa attgctcctt catatgacat gagcatcctt      360
atgccagaga gaaacatttt gagtgtgata gaaatgagaa agccatctgt tagaatgagg      420
acttatttca gcatcaggat attcaaactc tgaagcaaat ttttgaatac cttgagtgtg      480
ggaaagcttt tcatgaggag gcagccttca gtaccataa gagagtgtgc ttcttgggag      540
aaaccttgtg aatataatga acaacttaag agccttttct gacaatncaa accttcttgg      600
tcatcagagt actcacagaa gggaaaatca ctacgagttt aattgctggt gggangaagt      660
ctgtngtgag aaatctntaa ttaacaccat ggaggaatca tggggaaaaa ta              712

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<210> 2601

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 2601

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ggngnntttt atagatacan gctacttggt ctttttgcag gatcccatcg attcgaaaca      60
acggagtctt cttttctgaa tctgcaaaaa agggacttca ctttgtccag ttatgctgcc      120
aaagaaatat tctctgctg ttccttcaaa acattactgg atttatggtt ggtagagagt      180
atgaagctga aggaattgcc aaggatggtg ccaagatggt ggccgctgtg gcctgtgccc      240
aagtgcctaa gataaccctc atcattgggg gctcctatgg agccggaaac tatgggatgt      300
gtggcagagc gtatagccca agatttctct acatttggcc aaatgctcgt atctcagtga      360
tgggaggaga gcaggcagcc aatgtgttgg ccacgataac aaaggaccaa agagcccggg      420
aaggaaaagca gttctccagt gctgatgaag cggctttaa agagcccatc attaagaagt      480
ttgaagagga aggaaacctt tactattcca gcgcaagggt atgggatgat gggatcattg      540
atccagcaga caccagactg gtcttgggtc tcagntttag tgcagncctc aacgcaccan      600
taganaaaga ctgactttcg gnatcttcag gatgtaactg ggaataaaaag gatgttttct      660
gttggacatg tactggaaaa ttaacacatg tngtagcctt aaaaatttta gacttnttct      720
aacatgaggn ttg                                733

```

<210> 2602

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (722)

<223> n = A,T,C or G

<400> 2602

```

ngnggnnttt tagatcagct cttgttcttt ttgcaggatc ccatcgattc gaattcgtca      60
cgagaactcc tactgttgaa tacatctgca cccaacagaa tattttgttc atgttattga      120
aagggtatga atctccagaa atagctctaa attgtggaat aatgttaaga gaatgcatca      180
gacatgaacc acttgcaaaa atcattttgt ggtcggaaca gttttatgat ttcttcagat      240
atgtcgaaat gtcaacattt gacatagctt cagatgcatt tgccacattc aaggatttac      300
ttacaagaca taaattgctc agtgcagaat ttttggaaac gcattatgat agatttttca      360

```

```

gtgaatatga gaagttactt cattcagaaa attatgtgac aaaaagacag tcaactgaagc      420
ttctcgggtga actactacta gatagacaca acttcacaat tatgacaaaa tacatcagta      480
aacctgagaa cctcaaatta atgatgaacc tgctgcgaga caaaagtcgc aacatccagt      540
ttgaggccctt tcacgttttt aaggtgtttg tagccaatcc taacaagacg cagcccatcc      600
tagacatcct cctcaagaac caggccaaac tcatagagtt cctcagcaag tttcagaacg      660
acaggacgga ggatgagcag ttaaccgac gagaagacct atttagttaa acagatcagg      720
gn                                                                    722

```

<210> 2603

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2603

```

ggnggggtttc taatagnnng ctacttggtc tttntgcagg atcccatcga ttccaattcg      60
gcacgagaac cagagctggg ccaggccag gaaacaggca ccaattcccg aggaagggtcg      120
cctagcccca ttgggggtggg gtcagagatg tgcaggaggg aagggggaga gggcacgcca      180
gtgaagcagg acttatctgc tccccctggc tacacctca ctgagaacgt ggcccggatc      240
ctcaacaaga agctgctgga acatgcctta aaggaggaga ggaggcaggc tgcccacggg      300
cccccggttc tccacagtga cagccactcg ctgggggaca cagccgagcc agggcccatg      360
gaggaactac cttgttctgc actagctcca tccctagagc cctgcttctt caggcccgag      420
agaccagcaa acccgctgcc ctctgtcccg ttggggccca cattccccca ctgcttacag      480
gcttagtcac cccggagacc cgacgtncct ggangancat ggtggcnaag agcccgcgcc      540
aggagcancc acaccgagat gcaaacttgc attggattat cacaagtnta aattcacttg      600
gaattttgca ttaaccccn cccnttacc ttgnaacaaa aatttttgnc caacagggag      660
gaanatctta ntttttttca anggncaaaa naaatgtttt tttnaaaaac cccaaaanct      720
tgnttnaaat gtnnaaacct tgggaaaact tgggaatttt t                                                                    761

```

<210> 2604

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 2604

```

ggggnthttt naccacgtc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagaacggtg tctggtggag aagagctgag cttccctggc cccttctgaa atgggggtcag      120
gaaggggatc angagggnna ttntncatgg tgttctctgen natangtatt tctttnnctc      180
nctnatctct ctnagtcatn nctcagtcaa ccacatatat taagacctat gcacagaaca      240
attctattcc tataaaattc tataaaatgc anactanncc ataatagcaa aaanaatat      300
actggtttcc tagggatggg atgtnnngcaa agagagacga cagatgnang nattaccaat      360
gagcacagn ganacttntg natgcangga tatgctcatt gtccttgact gctgatggtt      420
tnacnagggt ggcccaaaac tatntcaaac ttttcacttc atctatatga ccnctgtca      480
tatgccaaat atacctcaat taatcctgat taaanncatt tanngntatc tctactngta      540
aantttaaaa ccncttttta cnttaccn nctgtantca nctcatgtngc cnttccnnaa      600
aaacttccca anngtatctt tancnataaa nnaggctttc tnnntaaccn anttnnacct      660
tccnttngnn natnctnnnn naccttattt cttaattctt ctgaaanaat tcaacntant      720

```

attataccta tttnaaance ttctnccaac ttcttttantn nnngcacett tctttctcntt 780
ataatcccan cnannncg 799

<210> 2605
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2605
gggggtntct aatgcnggct acttggttctt ttgagcaggat cccatcgatt cgccgtcttc 60
gccaaggccc cgcccgagcc tagttgttct cccctgaat gtgtagaacc ttcctttgaa 120
atttcttaat cgggtgcattg aggtttccac atctttttcc aagcagtgcc ccacttcatg 180
gatttatagc tatagtctat gcagtcgtta cctctttttt tttttttaag aaaattgaag 240
attgggggtgg tggaggcagt agggagatgg gattggggcac ctcccccgctg ctgggggcctg 300
gatttttgta aataaaatttc ccaagcggtt ctttccacct ggaggggaaag ggggggacgc 360
ccccagtgag attcaaatca cgcattctcta ctctctgctg tgagtgcgtg tgtacatgtg 420
cactccccac cctgctccct tcccagaggg attgctgtga aatttttttg gtggcaaata 480
aagataaatt tcattctgtt caaaaaaaaa anaaaaaaaa actcgagcct ctagaactat 540
agtgagtcctg tattacgtag atccagacat gataagatca ttgatgaagt ttggacaaac 600
cacaactaga atgcagtgaa aaaaatgctt tatttngnaa aattggggat gctattgctt 660
taatttgnaa ccttntnag ctggaattaa ccaagttanc accaaccaat tgcnttcatt 720
tttatgggtt 729

<210> 2606
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 2606
nnnagngng gnnantnnnn nnnttttgna aagncgttgc tacttgttct ttatgcagga 60
tcccatcgat tcgaattcgg cagcagggtg aacaaaaatg gccagattc ttattcagaa 120
accaattcac attttaaaaa tatatactgt acactacccc atctcttcc taatagctaa 180
agtgatctac cctaaaacac caagcagtc ttcttacagt ttgttccctc ctgacagttc 240
attgattaca atgtgaaagc accaacctga gctaaaatga aatgagaagc ctgatgtttc 300
aggcaccaag tactttaaaa atgtctactg gctgtcctgc agcattttac ttaatcattt 360
tttagaggag ggatgaggac tgggtgggta aaggaaatca tcaaatggag ccttaaataa 420
ctgattacaa aagctttttg taaaatcaca caaatatttc aagaataaat gcattccaga 480
gatacaaatc aggcacaaaag aaacaaaaat caatgaaatt ggcattacac ttgtaaaagg 540
ccaaatggac acaagccctc gagcctctag aactatagtg agtcgtatta cgtagatcca 600
gacatgataa gatacattga tgagtttgga caaaccacaa ctagaatgca gtggaaaaaa 660
atgctttatt tgtgaaattg tgatgctatt gctttatttg gaccattata agctgcaata 720
aacaagggtta acaacaccaa tggcttcatt tatgtttcag gnt 763

<210> 2607
<211> 740
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2607

agggggnnnnn	ntttntnagg	gcagntttnt	nnatacangc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	tttgtgcaaa	taccttgaaa	actttgaaac	120
ttgaccccg	acaggcctgg	tgccagggtcc	tttccgactt	ttgtgttttc	tttccacctt	180
tcactactga	ctttgcctct	ttcctaccag	gaatggacag	ggccgatgga	ggtgaagcgg	240
acagcagctg	cactgccttg	tagagattcc	caggccctgc	ccacttcaaa	gcacacaagc	300
ccacctcttc	ctcatcacat	ttccctttgc	aaccagggga	ggcactcacc	aggatgctgc	360
caagaaggaa	acattttatt	aacatgtttc	tttgtttccg	atgcacttaa	aacacttggg	420
cctcttgacc	aagtctagtt	ttaggacttc	aaaggggctg	tgaaagccac	attttgatga	480
ctttgggtgta	aaatgagtag	ggcatatcgg	gatttaattt	cccttgaaag	ttgcacagac	540
ttaaaaatta	gcagaatagg	ctagcagaat	angccggatg	ccgtggctca	tatctgtaat	600
ccagcacttt	gggangccga	ggcangcgga	tcacctaagg	caacagttnc	anaccaagcc	660
tggccaacat	ggtgaaaccc	cctcttacta	aagatngaaa	aaattaanct	gggccgttgt	720
ggtgcaacct	gtaatcttac					740

<210> 2608

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2608

gcggnnnntc	ttcanatgnc	ngctcttggt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagtt	cattttttaa	aagcttctcc	ttattatggt	gttggttaac	aacttaaacg	120
ctatctctag	accaggaata	attatttgct	atatattaca	gcaaaaaata	tgtatgtata	180
aatggactca	ttcaaaatat	ataaagaact	cctattacaa	agaaattgac	aaacagccca	240
gtatatcaat	gaatataaaa	atttgagaag	atattttcca	taagaagata	tctaaatgaa	300
cattagggcat	gagaaaacca	aatttttagga	tatcactaca	cacctggcat	agttttaaag	360
actgaaaata	ttaagtgtgt	gggaatgtag	agcaactgga	aatggcctac	atctttcata	420
gaaatgtaaa	acaatacaaa	tactttgcaa	aactctgtcc	aacattttct	acccattcac	480
caagcaactc	catccctagc	tatagatacc	caggaaaata	agtatgtatc	ttcacagaaa	540
taattgnatg	agaatattca	tagttcttat	gcacagtagt	tatcaagtaa	acctgtctnc	600
catcagaaaa	atggatatca	aatggggtga	taatcatnca	atcaatagga	tattacttgg	660
ccaaaccaa	tgaaacaagg	gaaaaccaca	tcaaccaa	at	tagtggcntn	718

<210> 2609

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2609

```

ggcagctctc taatgcnnngc tacttggttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagcaaa.gtactgggat tacaggcatg agtcactgag ccagacctaa taaagaactt      120
tctgacagtg aaaatgggtct gtgcatgggtg tgggtggggg gagggtgagg ccgggcgtgg      180
atggagcagc agggagggttg tagacaatgt ccagacatca gagagagggc tgggctctga      240
tcctgtgccca ccctgaaagg ctttgatcct atggtttggg cagaaacaga gcctgtaaaa      300
cccatgtatg cagctgttgc taagggcaac cacaagatgc tcaaaggacc ttaaagatgt      360
agatgcagtt agttacctga agaagtgaag gtagaagtga agtcttttct aaaagaaaaa      420
ccacagacac aatggcaatc tggggagaaa gagagcctgg gattgggaga agatatccag      480
gcatttagct ctctcttccc cccatattta gtgtgacata tttattgtga ctttataaat      540
tcttttttta attttaattt ttattttaat gtttgtgggt atgcagtagg tgtatatatt      600
tatgggacac atgagatatt ttggtacagc aggtgtttat cttgaccgac gtcttgnctc      660
tactgcctgt cccgntctta acatccttct ctttctactc cccttaccct gtntt      715

```

<210> 2610

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2610

```

gcggnnttnn ttctaatacn ggctcttggg ctttttgcag gatcccatcg attcgaattc      60
ggcacgagat ttaaataagtc tgtctttaag agtagctctg agattttttt ctggtaaaatc      120
actattttaac ctctctgatt tgttttagtt ttctcatcta taaaattgaa atgataaaat      180
gaagggtaaa ttagaaaatg tagaaaatgc ctagaacaga gtcttgcata tggttgggtac      240
taaagtgttt tgttccccat ggatagtatc ttctcttaaa gatcctttga aagggtctta      300
aagtgaacct tgtaggatgg taatttttgg tcattttaat ttttttagta agttttgatt      360
gagatcttga atttcattta gaaaatttct gctaagcaag aagcagtggg aaaattacag      420
gaaaagctgt ctagacttga ctacatagaa attataaatg tttgcatatc acattgtcaa      480
aaaacaaaat taaaagatat tgacatgaaa atatttgtat gtgggcagaa aaaagtttaa      540
tattcttaat attaatgagc tcttagaaat cttaaaaata attaaacatt tgatagaata      600
atgaacaaag gacatgaata ggtggttcat aaaagaaata taaatagcta ataagcatat      660
gaaaatggtg tttagcctag gataatcaaa gaaactcaaa tccatctttt ggttggcaaa      720
ttg      723

```

<210> 2611

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2611

```

ggggactctg ttctnacagc tacttggttct ttaggancca atccangagn aatnngnccc      60
ganencagnc cnnaatnctn ttttccgenc ctgggtncnt cacttccctng cggaanagac      120
agnnattttc nnggntncat tcntatgaaa ncanggnntg gnntgaaaat gtcttnccag      180
ntncaacagg cnatnaacac atgcctaaaa gatcntgtaa ggggtttcag nacacgacga      240
gtcctctagc gctttgtgtt cacaccttta ctccatgatc cgtggaaacc ggccaacaca      300
gacgagcctt ncttatnct nntactcagc ctctttgatg acacancaga ancagacgtg      360

```

```

actatgctct cgtatatatg cagacaatct angcctgttt tncataaccag acncaggaag      420
aagcccggtg ttataatgca tcatatatac attacactct nnagtttctt ggnagtcacc      480
tactgcagtc atttcaaggg agnctnatgg gtaaaggmnc ataaaggaaa ngangaggaa      540
aantantcnc ctantannng gaaaattgag tcnangctga caggtggnat angaaaantt      600
ttncnaggcc tttgggaang tcaccgggaa aaccgtggtt ngatttncag aatttccana      660
atttccggaa tttcangaat gaaccgattt ttaaaattcc agtngnttgn aaaatggttt      720
ttgncngga aaaaatttan ntcccnttt taaatccgna atttttcaaa antgntnttn      780
cccaaggggn cattttnaaa taacnttnc tcaan                                     815

```

<210> 2612

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2612

```

gngggnnnnn nnttttnnan ngcgtntata gcnggctctt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggccagcttg acctggttgt gggcccggtg ggcgagaatg      120
aagctncaact gtgaggtgga ggtgatcagc cggcacttgc ccgccttggg gcttaggaac      180
cggggcaagg gcgtccgagc cgtgttgagc ctctgtcagc agacttccag gagtcagccg      240
ccggtccgag ccttcctgct catctccacc ctgaaggaca agcgcgggac ccgctatgag      300
gtgctgaaag tgggcaggcc ctgtcagtct cgcgttcttc ttggaagccg agacgcgggc      360
cacctcgggt cctcatgctc ccggctgctc cctaggcgaa agcccgctt gggggttcct      420
gaactcccag ccttgagacc taccatcagc ccgacccan ggtcctgtgc gtcttcttac      480
ggaccogaaa gaagaaagct ttgagagtgt accttttcgc tatttttctt cccactttta      540
cgactttgaa tttacagtgt tgctatttag tagtgatgg caatcccgcc tgtttcaagt      600
ttctgaaatt ttgcgtgaaa caagcgcaaa tgaagcaact tgtccagttg gggaacagta      660
aaataactgc agttcttgtt caatgaaaaa aaaaaaaaaa aaactcgagc cnttagaact      720
atagtgaagtc gtattacgta na                                              742

```

<210> 2613

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2613

```

gngcgtcta tgttgctctn gttcttttgc aggatcccat cgattcgctg gatccagtcc      60
aggccagagc ctctctgca gagaaggtag taggtgcccc tgcacagggt gactgccagc      120
ctcgtggagt gggggcagtg gtgtccctgc gggcgggctt ggtcttctga ggccatgtca      180
gtgccacccc agggccgccc tccatggcag tgtggggcca acaagcctgt ctccccattt      240
ttctgagaga ggctggaaat cctgttcttt ttatatataa agtgtttcct tttcaaaata      300
ttggcaacta agtaaatcca aacaaagtat gggccaaatc atggcacact cctgccccac      360
agggtggcct ccagctaaga gtcattttta caatttttaga ggtttggtgg gctccagtgg      420
gaccacgctt gggggtggag tggctgtggg tgaaccgtgt ctccactccc acacctcgcc      480
actgagaaga cagagcacgg gatcgtgaca gccgagctcc accgccttca ctagtcaactg      540
tggcctgcag gggctgncag cctctgattc aagagccagt gggccgcca ggacacactn      600
ccttcttccc ctgcctgggg tcctgtgcnt ttgagctgaa actgttctng gccttttctg      660

```

aaaaggatng tagaacgcn gantggcatt ttantggtga atgggccttt gcaggaacac 720
t 721

<210> 2614

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2614

ggngttttat agcngctctt gttctttttg caggatccct cgattcgaat tgggcacgag	60
cctaggcttt accctcaata ctgcttcttg cnngnccaan cngtctntnt ccngtggctc	120
tgngtgatgt gactngtctt cttctccaag gcagtattac tcataaatc ttcttttagcg	180
gtactgatct atctgtgtca tcgctcagtc aaccacatat attaagacct aggcacagaa	240
caattctatt tctataaaat tctagaaaat gcaaaactaa ccataatgac aaaaagaata	300
ttagtgggtt tcttagggat gggatgtggg caaagagaga cgaaagaagg agggattacc	360
aaggagcaca gggaaagtcc gggatggagg gatatgctca ttgtcttgac tggatgatgt	420
tttacagggtg ggccaaacta atcaaaacttt acacttcac tatatgacca gctatcatat	480
gtcaattata cctcaataaa gctgttttaa aacattttaag ggtatatcta ctggaaagta	540
aaactgcttt taattacnag actgnatcat catgtgcata gaaaaaatcc aaanggatcc	600
ttccaaaaaa agctactaag aaccactggc cttcatcgag atgccaggtn caaagggtta	660
atattggaaa atcaactatt atttcttatt tcaaaagcca accanaanaa naaannnnann	720
nnnnnnnnnn nnnnnnnnnn n	741

<210> 2615

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2615

gnttggnnnn nntttttnnn ancgcntttt tatanatata ngctacttgt tctttttgca	60
ggatcccatc gattcgaatt cggcacgagg gggcccccac gcaaaactcaa attccctgag	120
cctcaagagg tgggtggaaga gttgaagaag tacctgtcgt agggagattt gggtagaagc	180
cctcatgctg agcttttgtt ccctgggtgat gttggaacat taatgatgga acatggccaa	240
acttcagtca tgatcctgaa accatggctt caggatcatg actgaagtca tggtttcttc	300
cctgccagaa atgaagggtc agttatgagg caaccctcta gtaaggcatt gtaaaagtta	360
ctggatttgg ttttaataaaa gttgaaataa agtanaaaaa aaaaaaaaaa aaaactcgag	420
cctctagaac tatagtgagt cgtattacgt agatccagac atgataagat acattgatga	480
gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg aaatttgtga	540
tgctattgct ttatttgtaa ccattataaa gctgcaataa acaagttaac aacacaattg	600
cattcatttt atgtttcaag gttcaagggg gangtgtggg anggtttttt aattcgccgg	660
gcncngcngc caatgccntt gggccccggg ncccagcttt tggttccttt aatgangggg	720
taaatgcccc cttnggcgta atcatgggna ata	753

<210> 2616

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2616

gnnggggnnt	tctaattnnna	ggctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcagcagg	gtaagtaacc	tgtgcagagc	acagaactag	gattcagacc	tacagaccca	120
caagtcagcc	tctaaggccc	acttataact	gctcttctgc	ttgcaaggcc	ctatggatga	180
aatccagtta	taacctcctt	ttgtataaac	tagacacaga	gggaggcggt	tctccctaata	240
ctgtattttat	ccagacaagc	tgtccagcaa	gatttctgag	tgaggggctt	taaggaagca	300
atctgcgggt	gtgtagcctt	ttctccctca	gcaaatacag	aaggagctta	tagcccgggc	360
tcaccctgct	tcagaacaag	ggccaacatc	tgtccatacc	cctgttatag	tgagatggga	420
aaccttgtag	atgttggcac	tgtgtggctc	ttttctttta	tatactgggc	tttaggggtca	480
atcccattta	accaaagggt	tcaatagcta	taaaaaggcg	ttgaaattgt	atggttattt	540
gagttatagc	tcagtaaagg	cattaaatct	tcagcctaga	tgaccctatt	ccttcccact	600
ctaaccagct	gtgactncag	atggagacat	tgncctgcat	cctctacgtn	cccatnccca	660
catnccancc	agaaacaaat	gtgtgaagtt	tcataccaac	aagaatgggg	gggtaggaat	720
ca						722

<210> 2617

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2617

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttcttttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	ttaaagtaaaa	ccctttttgag	120
ggaagaggga	gactggggag	aagggaaaaag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gccagtaaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggccctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggtgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtcatt	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttcccttgc	tgactcagca	540
cttattttctg	tagttttaaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnntttt	tt				742

<210> 2618

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2618

gggnttttaan nncnntttnc naannagnna gctacttggt cttttttgcag gatcccatcg	60
attcgaattc ggcacgagga gaactocaaa tagcccaaga ggggtggtgca cccccaactt	120
cataggggta gaggttcctg agattaggag aacccttttt aggctttact ctatgtacct	180
cttcatttga gtgttcattt gcgtccttta taaccagtaa aacaaagtac gctgttttct	240
tgagttttgt gagccctgta gcaaattatc aaacctgagt agggcagtgga gaactcggaa	300
tttatcacca ttcagaactg caggttgtcc ttgtgagtgga catctgatgt gggggaagtc	360
ttggactgag ccccttaact tgtggagtc gactaattt agactgcact aactaacttg	420
cactgcacta acttggactg cactaacttg tggagtcctgc actaacttgg agaagttagt	480
gtcagaattg aattatagaa caccagttg ttcagaattg aattgtagaa caccgaattg	540
gtgtgggaga attagagaat ttatttgtgt cagaaaatac tccagaacaa ccccccata	600
ttatgattag ctcttttctt ttctttggct ctgagcttaa ttgtacatta agcaaactta	660
agtagaaaag aaactgaata tgttaaatat attaacaaca tatttggact tgcttaactt	720
aagattatng agatgatcag ttataaaacc ccc	753

<210> 2619

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2619

ggnggntttt tanntncttn nctaantagg agctctngtt cttttttgcag gatcccatcg	60
attcgaattc ggcacgagat gcagtgtaac tggcaggagg ggagtgagaa ctacttgggt	120
agatgatcag gagatactct gcaagaggaa acatacagaa ggagcctgac atgagaaaac	180
tggggcagca gttttccagg aagagggacc agcacaggtc caagttgaaa ctcagaatgg	240
aatttttagga aatttatattc ttcattgatgg ttagatcctg tgggctatca tcaactgcagt	300
tcaacaatgt ggtgcctagt aggaagagtt ctcccaggaa cctccacgt gtgctatggg	360
atttctgaga aaaccagttc tgagttctag gcagtggact cacagttgaa cttggaggga	420
accaagaatt gcttccatca tagccttact aagaaatgac catggcatgg cctgagtgtc	480
tgggcatgga ngaccagaan gggaagccct aatttgccag ttgcagactc ttgagccttg	540
tgactctaata gacgacnaaa attaggagat tttctaggac tcacgtttgc gattttgaga	600
gtagtgtctg tggggttctt ggtttgggtt ctattgattg tttcattggg tctgtgtgca	660
agttaccctt ttctaagctt aatttttaatt aatattatat taagtgaggt aattagatta	720
tatgaaccct aangettctt tttattctta accctta	757

<210> 2620

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2620

nggaggtatt nnnnnnnntt tncnantagn nngctcttgt tctttttgca ggatcccatc	60
gattcgaatt cggcagcagg ctctgtgaca ccctttttgt gatcttcagt gctgttttta	120
tggttacacg actaggaatc tatccattct ggattctgaa cacgaccctc tttgagagtt	180
gggagataat cgggccttat gcttcattgt ggctcctcaa tggcctgctg ctgaccctac	240
agcttctgca tgtcatctgg tctacctaa ttgcacggat tgctttgaaa gccttgatca	300

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ggggaaaggt atcgaaggat gatcgagtg atgtggagag cagctcagag gaagaagatg      360
tgaccacctg cacaaaaagt cctgtgaca gtagctccag caatgggtgcc aatcgggtga      420
atgggtcacat gggaggcagc tactgggctg aagagtaagg tggttgctat agggacttca      480
gcacacatgg acttgtangg ccaactggcaa catactcctc ttggcccttc ccatacttac      540
tcttctgtga ttgggagact gcaaggcact gangagtatc aaagaagcaa atattttcac      600
tttgaagaa aactgccatt ttgtatttaa aaaaaaaaaa aaaaaaaaaa tcgagcctnt      660
aaactatagt gagtcgatta cgtagatcca gacatgataa gatncattga tgagtttgac      720
aaaccacact agaatgcatg gaaaaaatgc                                     750

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<210> 2621

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 2621

```

gnnngnnnnn ntangtggtt ttaagnnntt tttnaatgna gctcttggtc tttntgcagg      60
atcccatcga ttcgaattcg gcacgagggg actacagctg tgtaccacca caccggcctc      120
tcttggtctn ttaaccactt acattanaat tgagaggana aaggcagttg acaggggntg      180
tantnaatna ctngaacnca ttcannaggg antttntnc ntggcctna tnagtnenne      240
tattcatcna ntntaatgnt gancnntacn nttgntncaa agcctnnca atcntaaacg      300
ncatncttan atangtatnn tctactgcn gcatngagca gntcatnaca tcagatacag      360
attctcagca tggaaaacaa agctnggata ctgtgtcant gctgctctgt ggcaaagaac      420
acctnccctt ntaagnnaca gcctcactct actagaatan gtengagcgc gccattcat      480
ggctgattgc aacttccact ggctgggac cagatctaga atntgtgttc agatgcctta      540
cntaggaata catnctaaca cattcttaac aggtttcaag gggagatant tngcgatagn      600
acgtagttaa tgcttnagtt atatgtgtct gcatctgntt ttganggtaa acggcttaac      660
ccnttantta gggngttaa nagaattgat gngtaaataa cnttgatgna aaagttcan      720
atggacnttt nnantttgcc ttnaanngtg gatatnggtc tattgcccان ngggntaatn      780
nngaaatanc g                                                         791

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<210> 2622

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2622

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ngnggggntn nnnnnnnntt tttnaatgct agctcttggt ctttttgtag gatcccatcg      60
attcgaattc ggcacgagga aaaaggaaag atggatatgg aagaaattat tcagagaatt      120
gaaaacgttg tcctagatgc aaactgcagt agagatgtaa aacagatgct cttgaagctt      180
gtagaactcc ggtcaagtaa ctggggcaga gtccatgcaa cttcaacata tagagaagca      240
acaccagaaa atgatcctaa ctactttatg aatgaaccaa cattttatac atctgatggg      300
gttcctttca ctgcagctga tccagattac caagagaaat accaagaatt acttgaaaga      360
gaggactttt ttccagatta tgaagaaaat ggaacagatt tatccggggc tgggtgatcca      420
tacttgatg atattgatga tgagatggac ccanagatag aagaagctta tgaaaagttt      480
tgtttggaat cagagcgtaa gcgaaaacag taaagttaaa tttcagcata tcagttttat      540
aaagcagttt angtatggtg atttagcaga acacaagaag agcaagaaaa tgtgtcacat      600

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ctataccaaa	ttgaggatgt	tgagttatgg	tactaatgta	tgcaacttta	atthttgttta	660
acactatctg	ncaaaattaa	actttattcc	ctataacttt	aaaatgngta	tatatatatt	720
aatagtttat	ttatgtacag	gttnaattct	actgggtttt	ggcng		765

<210> 2623

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (747)

<223> n = A,T,C or G

<400> 2623

ntnggnnnnn	ntttnnnnngt	nggttttttag	atcagctctt	gttctttntg	caggatccca	60
tcgattcgaa	ttcggcagca	ggattcattt	ttgtactagt	taatatcaac	tctttctcag	120
aagtagtcaa	aatataaata	aaagttcttc	aaaagtaacc	caggagcaac	agctgagcag	180
tgccagagtt	gtgaggtaaa	catcaatcat	ttcacaaatg	ttctgacttg	ttgagcagtg	240
ttcattttcca	ggttttcaaac	ttaaagtatc	tattaagcaa	tcttaaaaga	agaacaccg	300
ccttaggaaa	aaagagattt	gccaaactct	tcatacttcc	ttcaataact	gcttagcaaa	360
cactcttgag	tgtcttctat	gggcaatggg	ctgtatccat	agggatacag	agatgaatga	420
acatgaactt	ggaaaaaatt	attatacaac	acaaagtagg	aaaacgggtg	acaaagcata	480
aagaaattag	cggaggggagg	gattgtttga	tggaagggtc	tagggagtag	gtgggatttg	540
aatttggttc	ttggatgggt	aaagtaagg	agggcagcag	gggtgggcgg	aaaaagtggg	600
aggttacagt	aagtagaatg	gtcaatagcc	tattttgact	gaagtaaggg	ttaaggcttg	660
ttgggagcct	gatgatagat	ggggatgctg	taaactcact	gggatgtttt	ncaaaagaga	720
accctttaa	aactgcgtnn	aggagcn				747

<210> 2624

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (774)

<223> n = A,T,C or G

<400> 2624

ggnggnnttn	tttatntata	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagagcgagt	ctctctttgt	tgcttaggtt	tgtcttgaaa	tcctgggttc	120
aagcaatect	ccctcctcag	cctcccaaaa	tgctgggatt	acagggtgtg	gccaccacac	180
ctggcctcta	ctttcttata	tttccttaaa	tagatttctt	ttcttttttg	attaagaaaa	240
aataaacaga	aaattaaaa	ttgaacatat	tataaaaatg	aaagataatt	gtaaaatctt	300
ggtttgga	gtgtctctct	gagcccagaa	atcatccaga	aaaatggaca	gatttgactg	360
catcacattt	aaaaacttta	caatgatgaa	aaatacaagt	gaagctattc	atacaataga	420
ttaggaccaa	gtatttttaa	catgtattat	agacaaaaaa	ttaccatcca	aaatatagaa	480
ttgtacaaaa	atthttaaaa	catggttaaa	aaatgggcat	agggatataa	cccggataat	540
tcacaggang	gaaaaaaaat	ncaaatggcc	caataaacca	tgaaaanggt	ggttggtaag	600
gctgggggtg	aaggtgggct	tcacttctta	ttanttttcc	aaccactttt	ggggaaagcc	660
caagggaaaa	aagggattgn	actttgggga	tcanggcttc	gaancctttt	agaacctttt	720
ggtggagtcc	gnanttancg	tnngatccc	gaccttggtg	aaggatccca	ttgg	774

<210> 2625

<211> 746

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2625

gnggggggnnn	nttttnnaag	gcgcgcgntnt	tctaattnnna	gctctctttt	tgcaggatcc	60
catcgattcg	gaaaatggta	tctttcagat	ttctagaagt	tcaagtgtca	tacaacaaaa	120
caggaacccc	ctttactctt	atggacctca	tttcaatata	ctgtttacag	tttgatggaa	180
ttgtataatt	taatatctt	ctgtactgt	agtttatatt	tatttacaga	tttttttgta	240
ctgtgtgatt	tgaacttttt	gttctctgct	atgatcaatg	tttatgtagt	agagcactta	300
tgatcacaaa	ttaagttttt	tggtttgatt	gcactacatt	aaatttttta	atgcagttct	360
gatttttgac	tggactaaaa	ctgtgtctta	atgtatgtga	tgagtactta	aaattttaat	420
ccatgtggtc	cccccccttt	ttttttttgc	attgtatggn	aaaagcgctt	ggtctttcgt	480
gcatgtgtan	tatntaatgg	taccattggn	ntagttgacc	atgacatttt	tgganaaaaca	540
ttncagctgn	nangttgngt	atggngctc	actggatgct	anactttttt	aaatncnaat	600
tnntntaaat	aanannnnnt	tnngaantan	tnntntntnt	nnnnncnnnn	nnancnntnn	660
nncctttnnn	ntttntnnnn	nngaactnnt	nnnnnttcc	ctgntttann	ntnnnnntnn	720
atngcnnttt	ntacnecnet	tnntcc				746

<210> 2626
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2626

gnggnnnnnnt	ttatanatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	ctgggagtat	aggctgagtt	aggaagattg	cttgagcccg	gaaggcagaa	120
gttgagtgta	gccaaagatc	cgccactgca	ctcccaactg	gacgacaaa	cgagatactg	180
ggagtatagg	cattcgccac	cctgggcaac	atagcaagac	cctgtgtcta	caaaaaattt	240
aaaaaaaaatt	agcctgtagc	cctagctatg	caggaggtgg	aggtgggaga	attgcttgaa	300
cccaggagtt	tgaggttaca	gcgagctgtg	atagcaccac	tgcaactccag	cctgggccac	360
agagcaagat	cgtacctctt	aaaaaaaaaa	agaaaaacac	aagcaaccaa	aaaaaaaaaa	420
nnnnnnnnnn	nnanaaaaaa	aaaaaactcg	agcctntaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atncattgat	gagtttggac	aaaccacact	agaatgcagt	540
gaaaaaaatg	ctttattttg	gaaatttgng	atgctattgc	tttattttgta	accattntaa	600
gctgcaataa	acaagttaac	aacaccaatt	gcattcattt	tatgtttcag	gttcangggg	660
gaggttttgg	aaggtttttt	aattncggg	ccgcggggcc	aatgcattgg	gcccgggtacc	720
caattttt						728

<210> 2627
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)

<223> n = A,T,C or G

<400> 2627

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gngngngnnnn ntctnaata gcnaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagcagaagc acaggcaagg atcaatgccc ggcttcagca gtatcgtgcc      120
aaagcagaac tagctcgatc taccagaccc caggcctggg ttccaaggga aaaattgccc      180
agaccactca ccagcagtgc ttcagctatt cgtaaactta tgcggaaagc agaactcatg      240
gggatcagta cagatatctt tccagtggac aattcagata ctagttctag tgtggatgga      300
aggagaaaaac ataagcaacc agctctcact gcagattttg tgaattatta ttttgagaga      360
aatatgcgca tgattcaaat tcaggaaaat atggctgaac aaaagaatat aaaagataaa      420
ttagagaatg aacaagaaaa gcttcagtga gaataataata agctatgtga atcttttagaa      480
gaactacaaa acctgaatgg aaaacttcga agtgaaggac aaggaatatg ggctttacta      540
ggcagaatca cagggcgagc ttgaagatgc tttatgtgaa aagaatgtgt gtggccttgga      600
tcctaaagaa tgttttataaa ggtgagaatt agtancgcc tntgggagga tcagcctttg      660
gtcctgttaa tagaagttga atatnccggc aattttgcca gcccacaagg nggagaaaaac      720
caagttaa                                     728

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<210> 2628

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2628

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gngngncctt naaatcneng gctacttggt ctttttgag gatcccatcg attcgaattc      60
ggcacgagga ggattagcca tgctggggtc tcttgacaa aaggctggta ctgattgaaa      120
aattccctga gtatgtctag aagtgtcagg ctccctctgga atcagttaca gtgggattgg      180
ctgcttaggt ataatcttta taagattaaa aattatagat tatttggcag cttgtttgaa      240
agtgttggtc ccaagaaaaa gttctgctgt gtgttatggc agaattatta aaaaaaatac      300
attcttaagt tgaggtttct aagtaggctt ttgtaaaaac aggcaattac ttgctggagg      360
cagttaattg catgcacaga tgggtacttg tgttacaaat tcctcatttg cacttgtgat      420
taccatttg caataattca tgaaacctag ggaattctta ggtacaagga aagggttttag      480
gcatttaaaa aacgtatcac taccatcaga ggagatggag aaaacaaaga gctaagtata      540
aagccttatt ccaaatgcta agttcagaga atattttctg aagctcgcgg ttgttgaaagg      600
taagagggtt acttaagcta ttggttccat ggactctntt cactttnaaa aaaaaannnn      660
nnnnnnnaaa aaaaacntng agcccnttan aacttntngn ggagtcntat ttccgtnnaa      720
tcennaacnt g                                     731

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<210> 2629

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2629

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ngngtgnntt tttagataca ngctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg gggatatcct tgagaccacc ttgggaccag tgcttgcaag cagcgagata      120
tttccccagc aaaaccaggc agctgctaata taaatgctta gaaccaatga aagctggctg      180

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tggtcctgcc	tgtgagctgc	ctactgctgc	cttctgaatg	catatatctg	ctactgtage	240
cccggttgt	caaactatgg	cctgtgggcc	aaatccagcc	acagtcggtt	ctttaaagtt	300
ttatcgaaac	acaagcaatg	gaaatgccca	tttccattgt	tgtctccagt	tgctctgctc	360
cgagggcagt	gttaagttgt	gcagcagagg	cccctccatg	caaagctgaa	tatgtttact	420
atttgaactt	tttcagaagt	tctgcttaag	gacaaaataa	agcctaaatc	caagaacact	480
tttaaaaatg	aggaaatagt	gaacacaata	gacggaagtc	tggaagtttc	tacccatgcc	540
aagaaaagca	ttttatgttt	ggtcacatat	gttggtgcaat	tcaaattttt	ttccctatat	600
tctctgacta	gacacttgta	ctgagtcfaat	tggecagtggt	gtctgtctaa	aagcccaatt	660
tcaaaatata	actttaaagg	catctttaca	tagtgggggt	taagaaaaaa	gttggttatc	720
agcaana						727

<210> 2630

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2630

ggnggmnngtn	nttcnaatgc	naggctactt	gttctttttg	caggatccca	tcgattcgc	60
tttttaagca	aagcagtttc	tagttaatgt	agcatcttgg	actttggggc	gtcattctta	120
agcttggtgt	gcccggtaac	catggtcctc	ttgctctgat	taacccttcc	ttcaatgggc	180
ttcttcaccc	agacaccaag	gtatgagatg	gccctgccaa	gtgtcggcct	ctcctgttaa	240
acaaaaacat	tctaaagcca	ttgttcttgc	ttcatggaca	agaggcagcc	ggagagagt	300
ccagggtgcc	ctggctctgag	ctggcatccc	catgtcttct	gtgtccgagg	gcagcatggt	360
ttctcgtgca	gtgctcaaga	cacagcctgc	cctagtccta	ccagctcaca	gcagcacctg	420
ctctccttgg	cagctatggc	catgacaacc	ccagagaagc	agcttcaggg	accgagtcag	480
attctgtttt	ggctacatgc	ctctgccggg	tgccgggtatt	gaggcaccca	aggagctgnt	540
actggcgtgg	aaataggtga	tgctgctacc	tctgctgggt	nactcacaag	ccacacttga	600
tacacgatga	caccttgctt	ggttgggaaa	catnttaaac	atctagttna	tgacttgcag	660
gctgntggct	accagtttcc	tgtcttgaag	gggtaatatg	gttaactttc	gggancaggt	720
tggaatgtnn	g					731

<210> 2631

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2631

ggtgttatan	nnnnnnnttt	tcaaaganac	agctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcagcagat	tattttaaagc	ttattcaatt	taaaagacta	cttgtaattc	120
cggacttatt	ctttgaatag	ttgggtattaa	ggtttctttt	gtaaaataag	aggtggtagt	180
atttttcaat	gcccttaatt	aacaaaatta	aaagtttgaa	aaccatatgt	tgattctccc	240
tcattttaaa	aaattttgta	attccactgg	tccacaaaaa	tcccaattga	ggagagctct	300
gggaagagca	cattctgtca	atgggtctca	acattttgggt	ctcaggacca	ctttacattc	360
ttatttagga	aatgacctaa	atgtctttca	actagtgaac	gaataaactg	gtacatctgt	420
gtaatggaat	actacttcac	aatcaaaagg	aatgtactat	tgatacacac	agctacatgg	480
gtgaagctca	aatgtattat	gctgaatgaa	agaagccaga	ctcaaaaagc	tgcttactgn	540

tatgttctat	ttatatgaca	ttcttgaaat	gacactactt	agggatggat	aatagattag	600
tggttgccag	gagttggggt	agtggaaggg	gtttactaca	atggantggc	ataagggaaa	660
ttatttgggg	tggtgaaact	cttaattggg	ggntacataa	ttctatgcat	ttggcaaaat	720
tcattggagct	gcacacccaa	aagagtgaat	ttnttcc			757

<210> 2632
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2632						
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gatcccatcg	attcgctaaa	gccggctatg	ggaagccatg	tcatacttgg	ctaccttcc	120
atgttccttc	tcacagcaaa	actcttggac	tgatcatttg	aagtcacccc	tctgtgtctt	180
cttgtgaaat	ggcttgggcg	tctctgggct	ctgacttgct	catctgggaa	gagatggggt	240
agagggagtt	ggattataaa	tcattgcttca	ctcagtcaac	agaatgctac	tcaggcacta	300
aaaatgatgg	cgtagcccta	cgtattctga	catgggaaga	tggccacaat	atcttattat	360
gtggaaaaaa	ctagtgtcat	aggatttatg	gtttgattac	atttttagtaa	aataaattca	420
tttatgggtg	tatatgcaaa	gaaaaaataa	tgccgggccc	agtggctcac	gcctgtaatc	480
ccagcacttt	gggaggctga	ggcagggtga	tcacttgagg	ccaggagggt	gagaccagcc	540
tggccaacat	ggtaaaaccc	catttccatt	aaaaatacaa	aaattagcac	caagccgtgg	600
tggcacgtgc	ctgtagtccc	agctactcan	gangcttaan	atgggaaaac	ttgcnttgaa	660
cctggaaaag	tgggaagggtt	gcggtgaagc	ccaagaatca	cgccanttgg	acttncggcc	720
tgggcttaca	agcccanact	tttgcttnaa	aaaaaaaaaa	a		761

<210> 2633
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 2633						
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ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcagggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggagggtg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaatcatg	tcttaaacad	ctgtgaaaaa	360
gatgggtctt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaaaga	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tgcaaaaaaa	cctcaaaagt	ccttctggca	gaatgcagat	540
gtgcaaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaan	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnan		764

<210> 2634

<211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 2634

aatcagcctg	ntcttttgca	ggatccctcg	attcgcttga	gccagaggag	tcaagtccaa	60
cttgggcaac	atgacaagac	ccttgtctct	ttaaaaaagc	aactcaaacc	atgtcttgaa	120
aagctattta	atggtcagac	acgatggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
gaggcaggcg	gatcacttga	ggtcaggagt	tcaagaccag	cctggccaac	atggcaaaac	240
ccagtctcta	ctgaatgaaa	atacaaaaat	tagctggcct	agcagttggt	ggtggcagggt	300
gcctgtagtc	ccagctactt	gggaggctga	ggcaggagaa	tcgcttgaat	ttgggaggcg	360
gaggttacag	tgaaccacac	tggcgccact	gcactccagc	ttgggtgata	gagtgagact	420
ctatctcaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atacattgat	gagtttgac	aaaccacaac	tagaatgcag	540
tgaaaaaaat	gctttatttg	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	600
aagctgcant	aaacaagtta	acaaccanca	attgcattca	ttttatgttt	caagggttcaa	660
gggggaagg	tttgggaagg	tttttttnaat	tcgcgggncc	gcggcgccna	tgcattg	717

<210> 2635
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2635

gttctngttc	tttttgccagg	atccctcgat	tcgaattcgg	cacgaggcca	agcctcggcc	60
tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctnttcn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggtcccacag	tctgacttng	gctttttcaag	caccagaaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggctcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgctc	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2636
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)

<223> n = A,T,C or G

<400> 2636

gttctngttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggcca	agcctcgggc	60
tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atggtanttt	aaccagggtt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctntccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggtcccacag	tctgacttng	gcttttcaag	cacccagaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttggggactga	taagctctgt	gctgngtcca	720
tggcccgtca	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2637

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 2637

taananatnc	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctattttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaagggtg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2638

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 2638

taananatnc	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180

tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcc	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctatttaag	600
aaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgannggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgtcatt	atcaagggtg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2639

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2639

nnnnnnnnnn	nnnnntntga	aacccttttn	aagccttttg	naggaccctc	gatcgaattc	60
ggcacgagga	acagacaagt	tctgtcccag	cctctgttac	ctctaaccct	atggcattct	120
atccttttct	acactgggct	tncatttctt	acccaacaat	ggactgggtc	ttcaagggtc	180
tggcatttaa	attcccaaan	acttggncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttata	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggc	actgggttct	ttcaagcctt	480
aattagccct	ttgnacttac	ctgmctacac	atgctgggtt	tccgtctcat	tccatcttga	540
cattggttat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
cattatatgn	ggcaaaagac	catgttgnac	catagagcta	gaccangtgc	catggtgggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccctt	ttgggnataa	gnncccaaaa	aaaagnaag	779

<210> 2640

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2640

taaanatcag	ctcttggtct	ttgeggactt	atcgatccna	attcggcacg	agggtatttg	60
ttcttgaacc	acaccggtc	gatectagag	ttctcttttc	tgctgggtcat	gatggaaacg	120
tgatagtgtg	ggatctggca	agaggagtca	aaatacgatc	ttatttcaat	atgattgaag	180
gccaaggaca	tggcgagta	tttgactgca	aatgctctcc	tgatgggtcag	cattttgcat	240
gcacagactc	tcatggacat	cttttaattt	ttggcttttg	gtccagtagc	aaatatgaca	300
agatagcaga	tcagatgttc	tttcatagt	attatcggcc	acttattcgt	gatgccaaca	360
atthttgtatt	agatgaacag	actcagcaag	cacctcatct	tatgccttcc	ccttttttgg	420
ttgatgttga	tggtaaccct	catccatcaa	gatatcaaag	attagttcct	ggccgtgaaa	480
attgcaggga	ggagcaactc	atcctcaaat	gggagtactt	cctcaggact	gaatcaagtt	540

ttaagtcagc	aagcaaacca	ggagatcagc	ccactggaca	gcatgattca	aagactacaa	600
caggacaaga	cctgagacgt	tcttgggtga	gcaggtttta	taatccaccg	ttaagtagan	660
gtcccataag	tctacctcaa	aggtcattcc	caccaacgta	ggcttanacg	tatggacaaa	720
ttgaagtgtc	cgnaaatgcn	cagaacgccc	aagaaat			757

<210> 2641

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2641

nnnnnnnnnn	nnnnntntga	aacccttttn	aagccttttg	naggaccctc	gatcgaattc	60
ggcacgagga	acagacaagt	tctgtcccag	cctctgttac	ctctaaccac	atggcattct	120
atcctttttct	acactgggct	tncattttct	acccaacaat	ggactgggtct	ttcaagggtc	180
tggcattttta	attcccaaan	acttggncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgcacaata	aactgggcta	aatacttatc	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaag	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggcc	actgggttct	ttcaagcctt	480
aattagccct	ttgncactac	ctgnctacac	atgctgggtt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
cattatatgn	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catggtgggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttggnataan	gnnccccaaa	aaaagnaag	779

<210> 2642

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 2642

naatngcnag	ctctngttct	tttnccgatt	annaagcctt	agcaggcngg	gaagatgaaa	60
ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggaggttg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaatcatg	tcttaaacad	ctgtgaaaaa	360
gatggtcttt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
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<210> 2643

<211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2643

gnnttttgata	ccctttttga	ntgccttttg	caggacnctc	gttcgaattc	ggcacgaggg	60
aacgcagctg	ctcaccagca	acggaacaaa	gctggacnga	gaatgacttt	gaagagctga	120
gagaagggct	tcagaccgat	caaattactc	tgagcttacg	gggagggcca	ttcaaaccac	180
agggcaaaga	aagtttgaaa	actttgaaaa	aaataaatgg	tcattaatta	aacgtggaaa	240
tctggtgaac	aagtaacaaa	ctttggtgaa	atttcaggac	catagccatt	gaagtggatg	300
agggaaaccta	tatcatgcac	tcaacaatgg	tctttttacc	ctgggagctt	cacacaaaga	360
agaatcgccc	tgaaacctgg	ctatggaaaa	taccttagta	taaattcaga	tgaacttggt	420
gttggcgctc	agatgcaatt	ggccaagaga	acaatgggaa	ccagtctttc	aaaatgatgg	480
ccatncagta	atgagaatga	acagtcttca	actaaaggca	acaatntaga	tgaatctcgg	540
aaacatgata	ttgaccaaga	cagaaaagat	tcacttacat	aaacttcaaa	agaagataaa	600
actgatctat	gacattaata	gtcagaatat	tcattatcct	tgagggaact	aaactgggaa	660
gccncatgat	agggcatttt	ggaagctagt	aatgncctct	ttcttgatct	ggtacattgg	720
tgnggttatt	tcattagatt	tattgagctn	tacatttacc	accgngtcct	tggctctgga	780
tatgtttt						788

<210> 2644
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 2644

nnnttttnnn	anatncagct	cttggtcttt	ttgcggatcc	tatcgattcg	aattcggcac	60
gagttcacca	atgacatgat	cttatagcga	ttctataaaa	acagaattat	taaccaaatt	120
cagcaaagtt	ggtcaaattc	caaaaattaac	ccccagaaat	caggtgcttt	ctattatagt	180
actngccagg	tggaaccact	tcattggaang	gaaattagcc	aggttcattt	aaatngcatt	240
caaaaaggaa	ttnaaattcc	ttagggaatt	aaccnaggga	nggtgaaaga	cttgggtcccc	300
agaaaactnc	caaaatattg	gttgggaagaa	attaaagaag	acataattaa	atggaaagac	360
atcctgggtg	tcaattatat	ccattttaaag	acacaattaa	atgggaagac	atctgtgttg	420
gaaagtttta	tattggtcac	atgtcagctc	acccaaagtg	gcacagaggg	caatgcaatc	480
ctattaacat	ccacagtgtt	tttttaggaa	atnttaaaac	ctatcacang	ccagggttcng	540
ttggtcatgc	ctgtaatccc	aatattttgc	caagcctagg	agttcaagac	cagcctgggc	600
aacatacgag	accctagctt	tacaacacac	caccaaaagc	ccggtgtggt	agcacatgtc	660
tgtagtcaca	ggtccttttag	angttgaggc	aggaggatca	cttgagcccc	agaatattga	720
ggcacagtgg	gctntnttca	ggnttcttaa	ctccagtcctn	ggtgacangg	ggaaaacctg	780
nggctagggt	taaaaaaaaa					800

<210> 2645
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 2645

gnnnntttnaa aannncnagt ttacttttggt anttttttgca ggatcttatac gatccgaatt	60
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gtatgtgctt ggcttgagga agccaatggg gcgaaacctn catctgggtgg ggaaggaaaag	180
gaaggcaggg ctggtgggtg gggactgggg taggggtatt agtatcactc ctggaagtgtt	240
ccactggctt cttagaaatc taacccagaa antagaaacc taatttttta aagggtgact	300
gggcaaaaaa aaaaaaanna annnatnnnn annnnannan nnnnnannna nnnanacnnn	360
cnannatgna centnnnnan nntncnnng annnnnnnc annnnannca tngnaanttn	420
nnnnnnnnnt gaaaaactnn ngncctnaan aaaatngnnn nntntnnaat nnnnnncnnn	480
tnnntnnnnn nnttgnnnn nnnancnccn nnnnnnnann gnnnaaaaaa aanttttttt	540
tnnaaannnn naannnttnn nnntaantnn acannttttn nnnngnnnaa naannnnnnnc	600
ncanannatt gnnntttttt ttnnnnnnnn nnnngggggg nnggngggaa ntnttttnna	660
nnnngnnccc cnngncntnn nnttngggcc cnnnnccnt ttttttnncc cnnttggngg	720
gnnnnttnnn cccnnnnnn naaannngnn nnannnnnt nnnnaaaaaa aanntnnnnn	780
nnnnaantnn nnnnnngngg ggnc	804

<210> 2646
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 2646

gnnttttnaa nnnnnncagt ntactngtng tttttgcagg atcctatcga ttcgaattcg	60
gcacgagcga gttttttttt tttttttttc ttcctctctt tctctcttcc ttcctccttc	120
cnttctctcg ttcttcccc cccntttttt tggannagg gttttttttt ngtgncnagg	180
nctggagtca agggncnaan tncngttaa tngaacctg acntcnngg ccnangnaat	240
ccttttaact taancntcn gnaaacngg nccncnggc catncaaca aaccaagtta	300
ngattttttt tttttaaaat ttttgagcaa cagggggatc tcctgggggtg gcccaaattg	360
gcttaaaact cctggcttna aatggatcct cgggcntaag cctnccaaag gctaggattn	420
taagcntaag ccaccacacc cagcccattc tttataatta ctttatggtt caaagcagct	480
tanggttact ggnaaattgn gaagaaattn ccgagttcca catctnccaa ctttgcattt	540
ttacatgact ggntttctct attctataac ctaataagca tgcttttctt accttntctac	600
tgaacttttt actaatatat tatctaattg aaatgagcat acccagtnca ttactagaa	660
ttagatgtgg gactcagaaa taaatctgca gggttggttg gaccaactnt gggaaaagct	720
acctcaaatt tgtggagggc caaagnttgc atttgcntcn tactggaaca nggggagna	779

<210> 2647
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 2647

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gaatttggga aaaccattct ttatatcaaa attggcncat ctttgggang aatgaatgaa      180
tgaaagaacc ctggagtttt caatcaaccc atgccctctt ggaaagaagg gagaacncat      240
ttcttttttt caacccaaag aaccacttta aaaaccttgg tgctgggttg atgaagttgg      300
gacaagcctc ttctcccatt ctggtttgcc agatagctga tctggccaat gaagatctcc      360
acagttgtat gtggcctgtg gtaggggacc ccgatcatct ctgagaagtc ctaagacatg      420
gacttgangt gtcagaaatg gctggttctg agctacctgg taccccaacg cttgtctgga      480
cagtgcgtcg acacattgaa gatgagtttg atgcctacat cattgggtct ttcgtgaatg      540
ccacccta at gttgtccatt ggagaaactg tagaagaagt gactgactct nggttcctgg      600
ggaccacccc gacttggcct gctncntatt aggagatgat gccttgggtgc aggctatnca      660
natgnattng gnacatacna gccgacaaga aagtcaatga atggnaaaac cctggaagaa      720
aacaattgtg aantgtgcaa tggaaccanc gaccagtggg gaatggcctt acaggangaa      780
aactggtntn ttt                                     793

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<210> 2648

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (843)

<223> n = A,T,C or G

<400> 2648

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tatnnnatnc agctcttggt ctttttgcgg atccctcgat tcgaattcgg caccaggaaa      60
gaccgagata gagagagaga cagagacaga gagcgagacc cgtgggtccg ggncagagaa      120
aggaggaacc ccccn gang anganganga nganggganc cgtgattcac cagtcccttc      180
caccaaagt tttttcaacc agccgattga aagaaccgat tccaggattc caggggaatt      240
ttgccnngaa aaggaagggt nttgaaccgt naccaagaag caaagttcga ggaaaaaaag      300
gaaagaaccg accatttgag gaaaaggacc gaccaccagg ggagaaagaa ggaaaccag      360
acnttaagtc ttcttcgaaa gttattagta gacgtcgcca tgaaagttga agaaaggaga      420
ttgtcacagg agaccaaacc cnaaaaatct aaaagaagcn aagaagggaa agaagcnggc      480
agtgagcctt gcccttgaca ggagagcccc gaaactncac cttgcagaat agcatgggtt      540
tngccttttg tgtatattag taccagaagt agatactatn aatcttggtt tttttctgga      600
taatgtttta gaaatttacc ttaaactctg gtctggtttg gtagtatgaa aagttaactt      660
ttttttccaa attaaagagt gaatttttca ttgttaagtt naaaatcttt gncttgnct      720
atttcaaaaa ttaaaagacc gcaatgactt tntnttccaa aaaaaaaaaa aaaaaactng      780
ggcctttaa cttttgtgag tcgntttacg tanatcnga cttgttagga tccttggttg      840
agt                                     843

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<210> 2649

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2649

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tanacancag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg caccaggggg      60
cggaggcgagg agaggcgagc tcgcgatgag tgggtctcggc aggctcttcg ggaaggggaa      120

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gaaggagaaa	gggccaaccc	ctgaagaagc	aatacagaaa	ctgaaggaga	cagagaagat	180
actgatcaag	aaacaggaat	ttttggagca	gaagattcaa	caggagctac	aaacagccaa	240
gaagtatggg	accaagaata	agagagctgc	cctacaggct	ttgcggagga	agaaaagatt	300
cgaacagcag	ctggcacaaa	ctgacgggac	attatccacc	ctggagtttc	agcgtgaggc	360
cattgagaat	gccactacca	atgcagaagt	ccttcgtacc	atggagcttg	ctgccccaaag	420
catgaagaag	gcctaccagg	acatggacat	tgacaaggta	gatgaactga	tgactgacat	480
cacggaacaa	caggaggtgg	cccagcagat	ctcagatgcc	atttctcggc	ctatgggctt	540
tagagatgat	gtggatgagg	atgaactgct	ggaggagcta	gaggagctgg	agcaggagga	600
attggcccgag	gagttgttaa	atgtgggcga	caaggaagaa	gaaccctcag	tcaaattgcc	660
tagtgtacct	tctactcatc	tgccggcagg	gccagcttcc	aaagtggatg	aagatgaaga	720
acactaaagc	agttggctga	atgggtatcc	tgataaatct	gggcttgtct	tncta	775

<210> 2650

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2650

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atcccatcga	ttcgaattcg	gcacgagggt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggg	180
agaggancat	ttccctgtgg	atattctggg	ccttngntnt	tcatccanga	atttaanaac	240
tgggaattcc	taaaagtttt	cttaccctt	gaaatggtn	tgggcccctc	tttttaataa	300
tcctggtgga	atggaatggg	ttgcccgggt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaatnggg	aaaatttgga	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcgggttaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccctgg	660
ggggaagttt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttggnc	720
ggacatgggt	gggggtaccca	tgaccacac	tgatggactg	cctacccatc	agaactcatg	780
cccaatggcc	ctggtttgac	tccgatcatg	ttggcctata	gtcaaatgtc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2651

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2651

cagctcttgc	ntttatgccg	atccctcgat	tcgaattcgg	cacgaggaga	cgctcgtctct	60
acaaaaaata	aaattagcca	ggcatgatgg	cctgtacctg	tagtcccagc	tactcaggag	120
gttgataggg	gaggatcacc	tgagcctgcg	aggctcagggt	tgacagcaagc	caagatcatg	180
ccactgtact	tcagcctggg	cgatagagac	cctgactcaa	aacaaagaag	accaggtaca	240
agttcagtg	tgagtgttaa	agacttaaaa	gagttataaa	gctgaaccct	taatcttaag	300
aggtttataa	gtgagaacaa	gaatctccaa	atcctgtact	gtttaatatc	agcatgagac	360

taaaccactg	tcctaagaag	acaaccttaa	tttgaatcaa	gttatttttag	agtgatgtgt	420
tttctgagggc	agctctcaga	angttattgt	ctgggtgttaa	aatagtgaaa	ttgagtaata	480
acaagggttaa	aatcgggtgga	cattaaatac	acacaagact	tcaattgctg	ggtcctccat	540
tgattaatga	aaaaatgatt	gtttttggaa	tttgagtga	acacttctta	atggctgagt	600
anggtggctt	acgcctgtaa	tcccaccact	ttgggatcac	tttgaggccg	ggacttttga	660
gaccagcttg	gncaacatga	ggaaagcacg	tctttctaaa	aatcn		705

<210> 2652

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2652

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cagtctgtcg	tgcaccgatg	agaactctcc	ttattgctgt	gaagggcaga	caatgcatgg	120
ctgatctact	ctgtttacca	tggctttact	agtgacacgt	ccccgggtct	aggatcgaaa	180
tgttaacacc	gggagctctc	caggccaccc	acccggagag	acgtcgcgct	gtggcctgaa	240
gtggcgcaag	cttgctttgt	aaatatctgt	gggtcccgatg	tagtgcccag	aacgtttgtg	300
cgaggcagct	ctgcgcccgg	gttccagccc	gagcctcgcc	gggtcgcgct	ttcggagtgc	360
ttgtgacagt	ccttgcccag	tatctagtcc	ccgtcgcgcc	gtgcaggaga	cgtaggtagg	420
acgtcgtgtc	agctgtgcac	tgacggccag	tctccgagct	gtgcgtttgt	atcgccactg	480
tatttgtgta	ctttaacaat	cgtgtaaata	ataaattcat	aatgacttct	acctttaaaa	540
aaaaaaaaann	nnntnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	naaaaaaaaaa	600
cctngnnaac	nggatgccac	cctgggccna	cgaattttcc	tgccaatggt	gctcactngg	660
gggacnncct	ggaaggactn	ttttggggnc	ccncanaatt	aaaccttgn		709

<210> 2653

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2653

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ggagaagctg	accttggaac	tgacgggtgt	cctgggtgtg	ctgcaggggc	aacagcagag	120
cctacagcag	ggggcacact	ccaccggctc	cagccgcctg	cacgacctct	actggcaggg	180
catgaaaacc	ctgggagtc	agcgcccca	gttgagaga	aaggatgcca	aggagatccc	240
cagtgccacc	cagagcccca	tcagtaagaa	gcggaagaaa	aagggtattct	tgccagagac	300
gaagaagcgc	aagaaacgca	agtcagagga	tggcacgcca	gcggaggatg	gcacacctgc	360
agccaccggc	gggagccagc	ccccagcat	gggcaggaag	aagaggaaca	ggacaaaggc	420
taagggtcca	gcccaggcaa	acgggacgcc	aaccaccaag	agtcagccc	ctggcgcccc	480
cacccgagc	cccagcacc	ctgccaatc	cccaaaactt	gcagaagaaa	aaccagaagc	540
cgtncagggt	gaatggtgt	cccgggtccc	ccacggaaac	ttgcaggcca	aaagcagcat	600
cagaaggctc	ttcccaaaaa	gggggtcttt	gggcaaatca	ccacttgtcc	cgcgcttggc	660
accggaaaaa	nggcaagggc	ttgtcttttg	gtcattcang	gagttccagc	cctgcnttca	720
aaaatggggg	cccaaanaat					740

<210> 2654
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 2654

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aggacagtac ctttcccccc cctttcatgg cccattttat tgtctgcctt tcagtactaa	120
gtatgaccgt tcctatctca gatcttaata aaaagaaaaa aaaaacgcat tcagggtaaa	180
tttggcctta atttaataata cttgttagca agcgtgtgtg acagagagtg gggaaagcta	240
catcattgaa tattttgata aactttaccg acttgagttt ggtttatattt tcccttttcc	300
taaattaact agcactgact gtaattttatt tccctgtttc acgtctctcc cttccattct	360
gcaggagttt tagctatttg agatcgtgga ccatcagttt tgcacttttag agagtgtttc	420
tgactctaaa cctgttttat cagaaaattt gttttttctt gatcttagct ggaaaaatct	480
gccaacttta cacagtattt acttggtttt gaccacaga atatagcacg ttgtgcaaac	540
tgctcgattca gcgaaactta naaaagacaa gaaactactg aggagcttag taactgctgt	600
ttctgtacgt agtgtttaat cttccaagca catctagtgt ctgtcagttt ctaattggca	660
tgtgtaggct gctctgtgac tgaagaattt tcaaacaccg tttacacctc tcaggaaaaa	720
atcccttgtg attggatgtt tactatcngc cnngaaactg gtactcaaga tgttngaacg	780

<210> 2655
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2655

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gccgccaggg ccaaagggtg aaagtgattt ggaagagnaa gagcttttcg tccaccagaa	120
aaattggtcc naaattaanc ttgnaaggga ngnaatttgg gaanttgcg caaggcnaaa	180
agcnttactt ttanngnttt aatcaantan gnttgccct tccngaaagt aaattttaat	240
ggcttaaagg ggttancagn cccaanaaag ggtnnnggga agcaantccc agcncancc	300
agggccagtt aaggcctttg gtgaactgtg ctattagggc ccagcttccg gtaccctgta	360
ggttcccaag gcctggctta agcagatcct tgatcgatat accttgagan cagaagggtg	420
tcnaatnac accgtccaat aggggatcta ggacaatctt ggagatccat gccttgctgt	480
gttgctgatt cttactgggg actgtagatg aaagggtggaa agatnactta gcacatcttn	540
aaactatggg aagncattct ttctgcttgt angatttgtc ntgttttgga aanctttaaa	600
cgtggntnaa ccctatgttn ggaattatct gctttatggg agcaataccc tnttttaaga	660
atttgaattn ancccgaaag ttatggccgg taacttaaat tgggttaaacc tgggcttata	720
accccaaggc ccgggttcaa cn	742

<210> 2656
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2656
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 ctggtctgctt ctggtggcta tgtgaacatc atcaaaatat tactaaatgc aggagctgag 180
 attaactcta gaactggttag caaattgggc atctctcctc tgatgttagc agctatgaat 240
 gggcatacag ctgctgttaa gctcctgtta gacatgggct ctgacataaa tgctcagata 300
 gaaaccaatc ggaacactgc ccttacttta gcttgcctcc aaggaagaac tgaagtgggt 360
 agtcttctgc ttgatagaaa agcaaagtgt gaacacagag ctaagactgg tctcacacca 420
 ctaatggaag ctgcctctgg tggatatgcg gaggtgggccc gagttctttt ggataaaggt 480
 gctgatgtta atgccccctc agttccctcc tcaagagata cagctttaac catagcagca 540
 gataaagggc attacaaatt ctgtgagctt cttattggca ggggagctca tattgatgta 600
 cgtaacaaga aggggaacac tccattgtgg ctagcagcaa atggtggaca cctcgatgtg 660
 gttcagttac tgggtgcaaag caggtgcaga tgtggatgca gcagataacc gcaagataac 720
 tcctcttatg gcagcattta gaaaggggtca tgttgaangt ggggtgcgct actttagtca 780
 aagaan 786

<210> 2657
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2657
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 ccacttnccg cgtngccatg gnggcgnaac actactantt cccgtcgcag ctncgtccgt 120
 nagagcntgt ggacaantgt ataggatcaa gaattcacat ccngatgaac agtgatnang 180
 aaatngntgg tactctccta cgatntgatg actttgnnnn tatggtntctg gaangntnn 240
 ctgagnttga aatcacaccn catgaanaan gatgctaaat tanancacat ntngctnaat 300
 ggaaataata taacaatgct ggttcctgga gganannnac ctganntgtg aatgagttnc 360
 cttgacttac actagatttt gttttggctt atnatgacaa naaaatggga ttttttttcc 420
 cactttctaa tgnntaaatc ccatanagct aagttncceg nttaagggaa gtgctntgaa 480
 gatgtgtacc catcnttgn agttaancat gattatcctg gaaaaagaan aaaatanctt 540
 cttctttgca gatgaaaata aaggtgtttt tgggttaactg tcnaanaann nnnantgcc 600
 tnaaaaagag ttgnnggggg gcntgactct tataaaatgg atttaatnaa actgtncnan 660
 angcctcccc cccttaaaan ntttggggcg tgtnttccc ttangncccc caaaannntn 720
 nnannccctt tntgggattt tnggccc aaa cccccctt tgaaagggnn gggaaaaaaa 780
 cttntttttt tttgggaaaa tttgtgn 807

<210> 2658
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2658

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tggtggccaa	gctggtctcg	agctcctgac	cccaggatgat	ccaccacact	cggcctccca	180
gggtgctgga	attataggcg	tgagccactg	cgcacggcct	ggggagggtt	tattttcttga	240
caaagggtatt	tgatactcgt	gcagaccctg	gagggctctca	ctggagagac	aacatttagg	300
ctgagatctg	attaacagga	ggcagctgca	gtgcagaggt	caaaaggag	ggtgttccag	360
gcagagaaaa	cagcctgtgc	aaaggccctg	aggcagaaac	aaactctact	tgaggtcagc	420
ctgggttagaa	aacccaactc	aaaatagaaa	gtattacatg	ataaggctctg	agatcagaac	480
ccaagtctgc	acttcctagt	cacgttctcc	ctgtagtgtc	aagcccagag	acctgagctg	540
ttaacctaga	acagtgtgct	tcctaagcct	taatgtgcat	acccatcgcc	tggagctcgc	600
cttaagatgt	aggctctgcc	tgaagcccaa	gttcatttag	tatgtcatgg	ttaattcaga	660
gtaaaatcaa	gagtttagtac	ttgattttatg	cttggtatat	aaagaaagag	acaacttcac	720
tgnatgatca	ttttgtcact	tttcaaaaagc	atttaattcc	attcaattgg	aaatgtg	777

<210> 2659

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2659

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acatttttga	cctacaactc	ttagatcaac	tcttgccat	gggatgctca	ggctctgtga	120
tcctctacct	tatgatataa	tagtcgatcc	aatgtgtgga	actggggcaa	taccaataga	180
ggggggccact	gaatggtctg	actgcttcca	tattgctggg	gataataatc	cactggctgt	240
gaatagagca	gcaaataaca	ttgcatcttt	attgaccaag	agccaaatta	aagaaggcaa	300
acctctctgg	ggcttgccca	tagatgctgt	tcagtgggat	atctgcaatc	tgccattgag	360
aactggctct	gtggatatta	ttgtaacaga	tttgccattt	ggaaaaagga	tgggatccaa	420
gaaaagaaac	tggaaccttt	atccagcttg	cctacgggag	atgagccgtg	tctgcacacc	480
taccacagge	cgagctgtac	tacttactca	agacacaaaa	tgctttacca	aggcgttatc	540
tggaatgcca	cacgtatggc	gaaagggtga	tacagtctgg	gtgaacgttg	gtggctcttcg	600
tgctgcagtt	tacgttctga	tacgtacacc	tcaagctttt	gttcacacct	cagaacaaga	660
cggagaaaga	ggaactcttt	ggcaatgcaa	agaatgaaga	tgactaatag	tacttgnact	720
tncaccact	ggaaatgtta	gcataaaaga	acttgagag	gaaaaaagtn	ttac	774

<210> 2660

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2660

taaacctnca	gctacttgtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
agtgactgcc	ttcggttttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gcccaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgtct	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcctn	300

ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anagggttta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaaaaacg	ccctttttaa	nacnttttgg	gggggntcnt	tttttcccg	780
aannncccc	nacctttgan	taangaatnc	cnttc			815

<210> 2661

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (815)

<223> n = A,T,C or G

<400> 2661

taaacctnca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
agtgactgcc	ttcggtcttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gccccaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgtct	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300
ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anagggttta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnaa	aaaaaaaaacg	ccctttttaa	nacnttttgg	gggggntcnt	tttttcccg	780
aannncccc	nacctttgan	taangaatnc	cnttc			815

<210> 2662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (805)

<223> n = A,T,C or G

<400> 2662

gtngggntnn	nnnttttgna	aacctnngc	tattgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggggtga	ctggaatcgc	ttgaaccogg	gagggcggagg	ttgtagttag	120
ctgagatcgt	gccactgcac	cccagcttgg	gcaacagagc	aaaactctgt	ctttaaaaaa	180
aaaaaacaaa	aaaaccaaac	aaacaaacaa	aaaaaacctt	atatgggctg	ggctgggcgt	240
ggtgccttat	gccacaatc	ccagcathtt	gggaggccag	gatgggagga	tcacttgagc	300
ccagaagttt	gagaccagcc	tgggctacag	agtaaggccc	catntctaca	aaaaaacctt	360
aaaaattagc	cagggtgtgg	ggcacgcact	gtgggtccag	ctgtaccaga	ggctgaanca	420
ggaggatccc	ttgagcccan	nagggtcaagg	ctgcagttag	ccatatctac	accactgcac	480
tccagcctgg	gcaacagcct	gtctcaaaaa	ctaaactaaa	aaccttatat	gttnttgtaa	540

gaatnaaatt	agatatata	aaagaggggc	cgggcagggt	ggctcacgcc	tgtaatccca	600
gcactttggg	angctgangc	aggtgaatta	cttgagggtca	tngagttccg	agaccagcct	660
gaccaacatg	gngaaaaccc	tgtctatact	aaaatntaca	aaaatcagtc	tancgttggn	720
nggtggggcg	cttgtaattc	ccanctatct	tggcaggctn	angcaangat	aattgnttcn	780
atccccgggaa	ggcaataggt	ttccc				805

<210> 2663

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2663

tcaacagctg	gctactcgtn	ctntntgcag	gcateccatc	gattcgaatt	cggcacgaga	60
gttttctgt	gattagtgtt	tttggtgttg	ttttatTTTT	tttcttacag	gaactcttgc	120
aagaagaaag	gactatgagt	tcaacttttag	agggagccat	ggggactaaa	caaaattctg	180
aggccccctc	aaccatctaa	atggacttcc	ttctggggcca	ggacactcga	aaattaaacc	240
tgaaagactg	gttcaggcca	tgatgggaag	tgggagtcga	acatgcctca	tcataccctc	300
cagcattaac	atcaacacag	accttaaggc	tgataagaag	catttacaat	ctattctctc	360
tgaagtcttc	tacctggagg	cttcactctg	atgataaaac	tttggctctcc	acaacctctt	420
acaaccagag	cattcctttc	tatcgataat	tactctttca	accaattgcc	aatcagaaaa	480
ttgttatatc	tacctataat	ctagaagccc	ccacatcaag	ttgttttgcc	tttctggaca	540
ggaccaatgt	atatcttaaa	tgtatntgat	tgatctctca	tgtctcccta	aaatgtataa	600
aaccacgctg	ttccccgacc	acctggagca	catgttctca	gggtctctctg	anggctgtgc	660
acaggccatg	ttcacttaca	tttggctcag	aataaatctc	ttcanataan	aaaaaanccc	720
ccnccncccc	ccccccnacc	cacaaaaaac	ctcngccctt	taaaactttt	gnngggnccg	778

<210> 2664

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 2664

gnattccgta	aacgtacngt	gttctttttg	caggatccca	tcgattcggt	tttaatagtc	60
attccaaata	tgagatgcat	tgttacagga	agtcctttgc	catcctaaaa	gccacccccc	120
ttctctctaa	ggagaatggc	ccagtcctct	cccaagtcca	cacaggggag	gtgatagcat	180
tacataattt	acacgaaagc	aatgctatca	cctnnnagn	gtggacttgg	gagnggnng	240
cttngnttnc	nnttgagtga	tgannentcn	nnnnncncnt	ncntcttnt	tngnnccenna	300
nettgcatnn	ntnnnngett	cnnentnct	ngaccggnnn	ngnnnnncnc	ccnnnettee	360
nntnccnnnt	tnntnccnn	cnntnnnaen	naennncenn	cttannnnnn	ccnnccnnnn	420
ncnnnnnnnc	ccnnnnnnnc	ccnnnnnnnc	tnctnnnnnn	ccntctnnnn	nannnnnnt	480
nnntnccnn	nnctnnnnnn	nnnnnnntcn	nnnnnnnnnn	nnccnnnnnn	nnnnccnnnn	540
ncnnnnnnnn	nnnnnnnnnn	nnnnnnnnnt	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
tnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840

```

tctnttctn nnnnntctn cnnccccnc tatccnatn tncntctnn cctcnnccc 900
nnnnntnnn ctcnncatc ntcnncatc tnnctcnn annttncnt nttcccccc 960
g 961

```

<210> 2665

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2665

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aattttcaag ctcttgTTTT ttatgcagga tcccatcgat tgcgtggtct ccaacctggt 60
ctcctgggct caagcgatcc gccgcctcg gcctcccaca gtgctgggat tccaggcgtg 120
agctaccgcg cccggcctat ttacttttct tactaagctg gggatcaccg tgcctctcg 180
cttggcagga aggcgggggt gcaagaagaa aagagggtaca gaacaccag aggtgcctc 240
gattccgtct tgcacttgcc cttctccac cgtccagcaa taaagcgaga gaaacaagt 300
caggaactg gccggcagtc atgggagaag ccaaaaagac aggagttcag tggcatgacc 360
agggctcact gcaaccttga tctgggctca agtgatcctc ctacctcaac ttctgagta 420
gctaggacca cagggtgtgca ccaaccacac ccgactaatt tttgtagaga tgagatccca 480
ctatgttacc caggctgggtc ttgaactcct gggctcaagt gatcatcctg ccttggcttt 540
ccaaagtact gggattatan gcttgagcca cccgtgcctg gcctgtgatc aaaattctca 600
tttttttagt cactaaaaat gctggggggc actccattct ncattatgtg attagttcac 660
attgcatgct tgtatcaaaa cattatatnt tccccncaa atttntncca aaaactttta 720
aattttaagt atttaattgg ttcaggaaaa aaataaaatg ctgggggggc tgaaatctca 780
angggcccat 790

```

<210> 2666

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2666

```

tttaaancct tcatttanag ccttttgag gatcccatcg attcgaattc ggcacgaggt 60
ttgtgcatca cttgggcacc attgggctta tctccttctn ctacatcaac aatattggtc 120
gagtgggaac tctgatcatg tgtctacatg atgtctcaga tttcttgctg gaggcagcca 180
aactggccaa ttatgccaa tatcagcggc tctgtgacac cctttttgtg atcttcagt 240
ctgtttttat ggttacacga ctaggaatct atccattctg gattctgaac acnaccctct 300
ttgagagttg ggagataatc gggccttatg cttcatgggt gctcctcaat ggctgctgc 360
tgacctaca gcttctgcat gtcactctgg cctacctaat tgcacggatt gctttgaaag 420
ccttgatcag gggaaaggta tcgaaggatg atcgcagtga tgtggagagc agctcaaagg 480
aagaagatgt gaccacctgc acaaaaagtc cctgtgacag tagctccagc aatggtgcca 540
atcgggtgaa tgggtcacatg ggaggcanct actgggctga anantaagggt ggttgctata 600
gggacttcag cacacatgga cttgtanggc cctggcaaca tactcctctt ggcccttcca 660
tatctactct tntgtgaatg ggagactgca angcactgan ggagtatcaa agaagcaaa 720
ttttttcact tttgaaagaa aactgncatt ttgtntttta tagcctccaa gttcntttt 779

```

<210> 2667

<211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 2667

tatnntatca agctcttggt cttttgcagg atccctcgat tcgagaaaat gtgggatcaa	60
gaaaaggacc atttgaaaaa gttcaatgag ttgatgggta tgttcagggt ccggccaaca	120
gttctgatgc ccttggtgaa cgtgctgggg tttgcactgg gggcggggac cgccttgctc	180
gggaagggaag gtgccatggc ctgcaccgtg gcggtggaag agagcatagc acatcactac	240
aacaaccaga tcaggacgct gatggaggag gacctgaaa aatacgagga acttcttcag	300
ctgataaaga aatttcggga tgaagagctt gagcaccatg acatangcct cgaccatgat	360
gcagaattgg ctccagccta tgccgtcctg aagagcatta tccaggccgg atgcagagtg	420
gcgatatatt tatcagaaag attataaagt gtgtccagtt ttgcctgtct ataaaagatg	480
atagtaattt accaagtgac atttgcagag aaacagggtg acagttatcg ttgtactttt	540
gtacaatgtg aattttgtta ataaattatn aggggtgggt ttttttttnaa aanangaana	600
nnnnnnnanga aaactcgagc ctctaaaact atagtgaagc gntnacgtaa tcnagacatga	660
taaaaacatt gntgatttgg caaccacact ngaatgcatg aaaaatgctt atttngaatt	720
gngatntntg ttattgacca tatactgata	750

<210> 2668
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 2668

gnnnnnnnnn ntttaatant tatcanctct tgttcttttt gcaggatccc atcgattcga	60
attcggcacg agaagcagct tggggctcac tccccctcca ccttgetgac caccctcatg	120
ttctttaata ccaagtactt cctattgaag acagtggacc agcacatgaa gctggccttc	180
tccaaggctt tgcgacagac aaagaagaac ccctctaate ccaaggataa aagcacgagt	240
atccggtact tgaaggccct tggaatacac cagactggcc agaaagttaac agatgacatg	300
tatgcagaac agacggaaaa tccagagaaat ccattgagat gtcccatcaa gctctatgat	360
ttctacctct tcaaagtccc ccanagtgtg aaaggccgga atgacacctt ttacctgaca	420
cctgagccag tgggtggccc caacagccca atctggtact cagtccagcc tatcagcaga	480
gagcagatgg gacaaatgct gacgcggaac ctggtgataa gagaaattca ggangccatc	540
gcagtggcca atgcaagcac tatgcaactga gatgccttgg ccatggcaca aagagaaaacc	600
agccaggaaa aaccagacag actttcacac taaagaagaa gccctccatt tttttttttt	660
ctttttttta ttggggggag tttacnaaac ctttcaaggt tgcctttttgt ttnaaaatat	720
taaaaagaaa acnttttaaaa aaaaaaaaaa aaaaaaactt ggagcccttt taaaactatt	780
agtggggctg tnttacctta aaatnccana cttgataaan	820

<210> 2669
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 2669
 tatntatata gctacttggt ctttttgcag gatcccatcg attcgtggag gtctcctttc 60
 gccccagccc aggtggccaa gcccatcctg gcctcagaac atgctgagca catTTtTgtag 120
 ggtggcacct ttttatccaa gttactagct acacatcant gtttaaagag aaaaaagtga 180
 cctttcatTT ttttttcttg aaacttgagg aaacaagata catactactg atTTTTTTTT 240
 tcttaaaact aaatgcatga ctgcagangg tagagggtgta tatttttcat actgtggggc 300
 aaagtatttg tgctgctttt tggagatgga ctggaacgtc tggtttctgt cccnngggcc 360
 ggcagctacg tctattttct gtanaagggtg ccacagttag acctggagcc accccttnt 420
 gccctggcgc cgtttanagc tgggancccg tggactcccg gcctgtttct accttctatt 480
 caaccactct gacgtgggga gacaaaaaca aataaaactt tttgatagtg tggtaaaaac 540
 attgatttga actatttttag taaaaggagt gacaaacaag aatgtgatag tgtctacttt 600
 gagctaaata ataaangcct ctttgtgaac ctntctggnt ttanngcang gcnnaaagt 660
 ttttnnaaaa atgngnannn aaactnganc cttnaaaaac tntanggagg cgtnttcct 720
 tantncccg catganaaaa aacctttgat gnggtttngg ncaaaccccc aacttanaan 780
 gccgtggna 789

<210> 2670
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 2670
 tatnctatca gctcttggtc tttttgcagg atcccatcga ttcgagaaag atcactgctg 60
 tttacagegc cttgtgcagc cttagatttt aatattcttt tgctattggt acatctcata 120
 gagtaaagct cttattacct tgatcctgag tcagaaatcc cacctgaaat cacctTTTTT 180
 ccccttgat caaacatccc atccttcagc taccatactg ttgctacagg gattttgtgg 240
 actgtggccc ctgtcccag gttggcncct tcagttcagc acagcctgag cagtgagaag 300
 gtctgaaagg agagtatata gntaagatcc ttgagaaagg gctgcctgag gaactgacct 360
 cttaaagatc tcaggatctt taagacaaca agtttaggtc ctactggagt tacctgccag 420
 aatggcctct taattaactc angtaatgaa gagctaactg tggtataatc atcttgcttt 480
 tgctgaatt tggagaaagt attataatta aagttcccag tatcagaaat gtccttacat 540
 aagattaaaa tatcttggtg actaatacca ttctatgaga aagagtagtt atttgccag 600
 actgtattaa tttacttttag aaactaatgt ttgaagtaat ggaaaaaatt ttaaattatn 660
 aagctaaggg caataacatt tgctacttat ttatagaatt atttgaaaaa atttgntttg 720
 aagtaatgct ttaaggagtn taagatatcc aagataaatt atactatnaa atgatttatt 780

<210> 2671
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2671

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tcaaantntnn nntaancctt ttttaagatca gcacttggttc ttttgcggtat cnntccatgg      60
gtagaangga tgctcgtagc nntaaganca ntaccgagac gtgcagctgt ccaaggctct      120
gtcctatgcc ctgcgccatg gggccttgaa gctggggctt cccatgggag ctgatggctt      180
cgtgccccctg ggcacccctcc tgcagttgcc ccagttccgc ggcttctctg ctgaagatgt      240
gcagcgctg gtggacacca ataggaagca gcggttcgcc ctgcagctgg gggatcccag      300
cactggcctt ctcatccggg ccaaccaggg ccattccctg cangtaccta agttggagct      360
gatgccccctg gagacaccgc aggccttgcc ccgatgctag tccatggtag attctggaag      420
cactggccat ccatcctact caaaggcctg tcctgccagg gaaggacgca cattcacctg      480
gccccaggac tgccctggagc cccggtatca tcagtggcat gcggncccat tgtgaaatag      540
ctgtgtcatc gatggaccct ggctctggca gatggaatac ccttcttccg ttctgccaat      600
ggggtgatgc tgactccang gaatactgat ggcttccctc ttccaagtcc ttaangangn      660
cctgancttc nccttaccga aagcccttcc cttggctggg gatgaaaaaa caantgtcan      720
aatancecca agcacagttc canaaaaag      749

```

<210> 2672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 2672

```

ttnmntanta aaccctttnn ntactcgttt ttangcnegt tcccatcgac tcgaattntn      60
cacgaggacc agggctcact gcaaccttga tctgggctca agtgatcctc ctacntnagc      120
ttcctgagta gctaggacca caggtgtgca ccaaccacac ccgactaatt tttggtagag      180
atgagatccc actatgttac ccaggctggt cttgaactcc tgggctcagg tgatcatcct      240
gccttggtt ccaaagtact gggattatag gcttgagcca ccgtgcctgg cctgtgatca      300
gaattctcat ttttttagtc actaaaaatg ctgggggggc actccattct ccattatgtg      360
attaagttca cattgcatgc ttgtatcaaa acatcatata taccacacaa atatatacaa      420
aaaactttaa aattttaagt attaattgct cangaaaaaa ttaaaatgct ggggtgctga      480
aatctcaagg gccccattac aaaactcctt angaacctcg ccctcttntg ctgtaaggac      540
tggttccaga atgagagaat taaaagacat tcccgccaaa atgtcataat gtcaccccg      600
aaacctgcga atatgttata ttacatgacc anggagaant aagggtgcan atggcagtaa      660
gggtgcta atggctgacct taananaagg agatgatcct ggattatctg ggnggacca      720
atgtaatcac aagggtcctt actggggaaa atgagngggc tgatcaaaag caantgatca      780
tg      782

```

<210> 2673

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2673

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tatacanctn ttgttctttt tgcaggatcc ctcgattcgc gacaatcagt gattttgctg      60
tatttctcac aatagtaata atggttacaa ttgactacct tgtnggagtt ccatctccta      120
aacttcatgt tcctgaaaaa tttgagccta ctcatccaga gagaggggtgg atcataagcc      180
cactgggaga taatccttgg tggaccttat taatagctgc tattcctgct ttgctttgta      240
ccattctcat ctttatggat caacaaatca cagctgtaat tataaacaga aaggaaacaca      300

```

aattgaagaa	aggagctggc	tatcaccttg	atttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatgggttg	tggctgcaac	agtgttgcaa	taagtcattg	420
caacagctta	aaagttgaat	ctgaatgttc	tgctccaagg	gaacaacca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggcta	gatttttatt	ctaattgggc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattcca	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttctt	cattnaaagg	aatccagtta	tttgacccgt	atnaaatatt	tgggaatgct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
ttacagtc	tcagcttact	tgtttggtcc	ttttatnggt	gataaaang		769

<210> 2674

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2674

aattttcaag	ctcttggttt	ttatgcagga	tcccatcgat	tcgctgggtc	ccaacctggg	60
ctcctgggct	caagegatcc	gcccgcctcg	gcctcccaca	gtgctgggat	tccaggcgtg	120
agctaccg	cccggcctat	ttacttttct	tactaagctg	gggatcaccg	tcgccctcgg	180
cttggcagga	aggcgggggt	gcaagaagaa	aagaggtaca	gaacacccag	aggtgccctc	240
gattccgtct	tgcacttgcc	cttctccac	cgtccagcaa	taaagcgaga	gaaacaagtg	300
caggaaactg	gccggcagtc	atgggagaag	ccaaaaagac	aggagtccag	tggcatgacc	360
agggtcact	gcaaccttga	tctgggctca	agtgatectc	ctacctcaac	ttcctgagta	420
gctaggacca	cagggtgtgca	ccaaccacac	ccgactaatt	tttgtagaga	tgagatccca	480
ctatgttacc	caggctggtc	ttgaactcct	gggctcaagt	gatcatcctg	ccttggcctt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tccccncaa	atttntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctgggggggc	tgaaatctca	780
angggcccat						790

<210> 2675

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2675

tatactatca	gctacttggt	ctttttgcag	gateccatcg	attcgctggg	ctccaacctg	60
gtctcctggg	ctcaagcgat	ccgccgcct	cgccctccca	cagtgcctggg	attccaggcg	120
tgagctaccg	cgccggcct	atttactttt	cttactaagc	tggggatcac	cgctgcctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agagggtgcc	240
tcgattccgt	nttgacttg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggnccggcag	tcattgggaga	acaaaaaaga	caggagtcca	gtggcatnac	360
canggtcac	tgcaaccttg	atctgggctc	aantgatcct	cctacctcag	cttctgaggt	420
agctangacc	acagggtgtg	accaaccaca	ccgactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	attataggct	tgagccaccg	tgctggcct	gtgatcaca	ttctcatttt	600

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tttanticact aaaaatgctg gggggcactc cattcttcat tatgtgatta gatcacattg      660
catgcttgta tcaaaacatc atattntacc ccacaaatat atacaaaaaa cttnaaattt      720
taagtattaa ttgctcanga aaaaaataaa ngcttggggg gctgnaaact tnaagggccc      780
catt                                                                    784

```

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<210> 2676
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (784)
<223> n = A,T,C or G

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<400> 2676
tatactatca gctacttggt ctttttgcag gatcccatcg attcgctggt ctccaacctg      60
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tgagctaccg cgcccgccct atttactttt cttactaagc tggggatcac cgtcgccctc      180
ngcttggcag gaaggcngng gtgcaagaag aaaagaggta cagaacaccc agaggtgccc      240
tcgattccgt nttgcacttg cccttctccn accgtccanc aatnaagcga gagaaacaag      300
tgcaggaaac tggncggcag tcatgggaga accaaaaaga caggagttca gtggcatnac      360
canggtcac tgcaaccttg atctgggctc aantgatcct cctacctcag cttcctgagt      420
agctangacc acaggtgtgc accaaccaca cccgactaat tttttagag atgagatccc      480
actatgttac ccaagctggc ttgaactcct gggctcangt gatcatctgc ttggctncca      540
aagtactggg attataggct tgagccaccg tgcctggcct gtgatcacia ttctcatttt      600
tttanticact aaaaatgctg gggggcactc cattcttcat tatgtgatta gatcacattg      660
catgcttgta tcaaaacatc atattntacc ccacaaatat atacaaaaaa cttnaaattt      720
taagtattaa ttgctcanga aaaaaataaa ngcttggggg gctgnaaact tnaagggccc      780
catt                                                                    784

```

```

<210> 2677
<211> 818
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (818)
<223> n = A,T,C or G

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<400> 2677
atcagctctt gtctttttgc aggatccctc gattcgaatt cggcacgagg ctgccaaca      60
cgctgtttgg ggatgtggcc atgggtggtg aattcttgag ctgttattct gggctacttt      120
taccagatgc tcagtatcct attactgctg tgtcccttat ggaagccttg agtgcagata      180
aggggtggctt tttatacctt aacaggggtg tggtcaccc cttacagacc ctctacaag      240
atgagatagc agaagactan ggtgaattgg gaatgaagct gtcagaaatc cccttgactc      300
tgcattctgt ttcagagctg gtgcggctct gcttgcgagc atctgatgtt caagaggaaa      360
gcgaggggctc aaacacagat gacaataaag attcactgca tttgaggata atgagggtaca      420
agatgagttc ctagaaaagc tggagacctc tgaatttttt gagctgacgn cagaggagaa      480
gctacagatc ttgacagcac tgtgccaccg gatcctcatg acatactcag tgcaagacca      540
catggagacc cacagcaaat gtctgcacag ttgtggaang aaccgcttgc tgtgtttgaa      600
aggaagaaaa tgattaagaa gaagagcngg antaaaccgn aaaccgggaa agaaaaatggg      660
aagnccaaaa aaaaaaaaaa aaaaaaaact cgaacctctt taaaaactat nagtngagggt      720
ccgtattacc gtttgaatnc nggacontga atnagaaacc attggatgga gttttgggcc      780
aaaaccccaa ncttagaaat ggcngnggaa aaaaaatg                                                                    818

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<210> 2678
 <211> 875
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(875)
 <223> n = A,T,C or G

<400> 2678
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 ctgccgcctg accctgtgtc caagagactc caggctgagc tggctgaccg acccaatccc 180
 cctaccgcc ctctgcccgc tgaccgggtg gtgagaagcc cgaagtctca ggggccagcc 240
 aagccccac cccaaggaa gccactgcct gccgaccccc agggccgggtg cccatcggtt 300
 gacctgccgg cccagggggt ggaatccgc ccctagtggg accctccaga ccaagcgcca 360
 ccgntctcga cagtgtcctc gctctacctc tgacctctcc ggaggttccg ctgctccaag 420
 ccggacttaa ggcttcaaga ggcgggctg ccctctggag tccctacca tgactgaagg 480
 cgccagagac tggcggtgtc ttaanacttc gggcaccgcc acgcgctgtc aagcaacaac 540
 tctgcggacc ttcccgcggt aatttgcaac cgggggcttg ggggaagggg cttggggggt 600
 tggaaccggg attgaaggaa aggtncgcga caaacctggg ctttttgntt caaatttgcg 660
 aataaaaaac ttgnacaatt ntttggggga agcgggtttt nnnnnnnnan aannnnnnnn 720
 nnnnnnnnnn nnnnnnnnna anncccttcg aagccctttt taaaaaactt tttaggggag 780
 gtcgnantta acgttnnaat nccnaaaacn ttgattaaag aataccattt ggttgaaatt 840
 ttggggacna aancccaaaa anttagaaat ggcggg 875

<210> 2679
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 2679
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 cgtncctctcc gcaacagccc ggcggttcga attcggcacg agtccaagag gagaagcatg 120
 ttccaaaacc cttaactttg ggaatttaga actagctttt ttactatctt ctgcacagca 180
 taacttcagt ctccctttac taattcaagg aaatctcagt gaacaaattg tataagggtg 240
 gatgagctaa aagctcactg agtcattaat ttgtcataac tcactctaat acaatgatta 300
 ggcttgtgta ggtgtcccta gtttctcttt cttaatcatg tcttagtagg gacagagcaa 360
 taatgggtga tcgtggcaac gggaaggaag atgatgtgtc agttatctat tgctgtatga 420
 cagtcacaaa accttagtac ttactacaga acaatgatt tgtcacattt tgtgggttgt 480
 ctggatgggt gttttgctta tatgggtgcag gctgagatta ctcatgcagc ttcacagttc 540
 ttttgcttat atgggtgcang ctgagattac acatgcagag gaaagatggg ctctgntcct 600
 cattcgtatg cctggggcct tgggtcgggg tgtggcaatg gcgtcttggn tctccatgtg 660
 ccgntctctc agcaggataa cctgtnnntt tctcacacca tgacactggg gttccaggan 720
 natcaancca nnancngcta naccattan naactaggcc ccaaaanttg ct 772

<210> 2680
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 2680

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aaacttaaat gtcacatctg aaacagtaaa aatcctagaa gaaatcctag gaaaaactct	120
tctggacatt ggcctaggca aagaatttat gatgaagacc tcaaaagcaa acataacaaa	180
acaaaaata gacaaatgag atttaattag aaaaacttct gcacagtaaa agtaataatc	240
aacagttaat agacaaccta tggaatggga gaaaatatat gtaaattata catctgacaa	300
agaactaata tccagaatct acaaagaact cacaagaaaa aaaccaaccc cacaagcggg	360
caaaggacat gaacagacat ttcccaaaaag aagacataca agcaacctaa aataatctaa	420
aataattttt aaaaagaaaa aatgcttgac agagttttga tagtacttag taaaaagtta	480
tatctagtgg ctttttgntt gnttggtttt gntttggttt taagaggtag tctctgtttc	540
ccagctggag tgcagtggcg caatctttgg ctcgctgogg cctcgaactc ctgggctcaa	600
gcgatccttc agcctcagcc tnccaagtag ctgntatagg catgcccccc ccttccgact	660
natnatctgc tatcaataca taatggttnc ctttggttta tttangaaat aacactttta	720
tgcttttgaa aaaaaaaaaa aaaaaaactc gagcctntan actntgtg	768

<210> 2681
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 2681

tttnnnnttt taaattatca gcttttggtc tttttgcagg atcccatcga ttogtggacg	60
gcagagccca agtttcaagc tttccctgtc cagtggaaacg aagactaacc tcaccagcca	120
gtcatctaca acaaactctc ctggttctcc gggatcacct ggatccccag gatctccagg	180
ctctcctgga tccgtaccta aaaatacatc tcagacggca gctattacta caaagggagg	240
cctcgtgggt ctggttagatt atcctgatga tgatgaagat gatgatgagg atgaagataa	300
ggaagatacg ttccattgtc aaagaaagca aaatttgatt cataataatg gcaacggcct	360
angatcagta cctggttgaaa aaaactgggt ctccaccctc ccccatatac aaatccacaa	420
aaaagcgcag tgggtctcttg tgaatgactg acacagatca gcctcttaca cttgacttct	480
gctcatcaag tgccaattca atggagcagg aggaggggat atcatatatt taggggaaag	540
acttaagcct ttgagctctc cagcttggac cacacattgc ccttttntna gggaaggaaa	600
tggaacaaaa aagccaacag ggcaggggtt ttgtaaagtg gaactcttgg attgactggt	660
cagttgctac aatcaaaaata tgctttcttg gaccatgttt gagactcaaa anaatgggcc	720
ttctgncata attctttact tagtcaagaa tgccacagtt tcttttgtnt aaaaaacctg	780
nccttnaaat	790

<210> 2682
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2682

cagcnccttg	c	t	t	t	t	g	t	g	c	a	g	g	a	t	c	c	c	c	t	g	a	t	t	c	c	c	a	a	t	g	g	a	c	a	c	t	t	g	c	a	g	g		60				
tgatgctgcc	g	a	a	t	g	a	a	t	a	c	c	a	g	g	t	a	c	a	c	c	t	a	t	c	t	a	c	c	a	a	t	a	a	t	a	a	t	a	a	t	a	a	t	a	120			
ggcttaaagg	g	c	a	a	g	a	a	c	g	t	g	c	g	a	t	t	t	a	c	a	a	t	a	g	c	c	t	t	g	a	g	a	a	a	t	a	a	t	a	t	a	t	c	a	180			
atatcggtga	a	a	g	t	a	t	t	c	t	t	t	a	c	c	t	g	t	g	g	g	t	g	g	a	a	a	a	t	a	a	g	a	g	a	t	g	t	t	c	t	t	a	t	a	c	a	a	240
aatctcagat	g	a	c	a	g	a	a	c	c	a	g	g	c	c	c	a	g	a	t	g	t	a	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	300		
aatgtgaaga	t	g	a	t	c	t	c	a	t	t	t	a	g	c	a	t	g	t	c	a	g	c	c	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	360		
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gcattcctat	t	a	c	a	g	a	c	c	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	480		
ccaaacaggt	g	a	a	a	a	t	g	g	t	t	c	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	540		
cccacaacat	c	t	a	t	g	c	c	t	a	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	600		
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atgtgaagaa	t	g	t	c	a	t	g	g	t	g	t	g	t	a	t	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	709			

<210> 2683

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2683

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ctgggtgctgt	t	t	t	t	a	t	a	t	a	t	a	g	t	g	t	c	a	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	120		
cttcgttaaaa	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	180		
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aagggagagc	t	a	a	c	a	t	g	c	t	c	g	t	c	c	c	a	a	a	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	300		
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cccctaaaaa	g	t	c	t	t	a	a	c	t	t	g	t	t	c	c	a	g	c	a	t	t	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	540		
ctaaatcaga	t	a	t	g	a	g	t	g	a	g	a	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	600		
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gctggaaaaa	t	t	t	t	t	t	t	g	t	n	t	a	a	t	c	a	t	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	720		
gctagatctc	a	a	c	g	t	g	c	t	g	a	t	t	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	780		

<210> 2684

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2684

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ttccttgctg	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	240				
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ggtattgact	ggggaagtga	taagtgtcca	tgaaatcttt	acaatttatg	tttagagatt	540
gcagtaaaga	cangcataag	aaattataaa	aagtattaat	ttggggaact	aataaatgtc	600
catgaaacct	tcacaatcca	tgtttttctg	ccatggcttc	aaccagtccc	cccgtttggg	660
gtcctgactt	nctgcaacaa	tgctctgcag	gaaaagtttt	tctttatatac	cagttttttac	720
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<210> 2685

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2685

tatttttatca	nctctgttct	ttttgcagga	tccctcgatt	cgtttaagga	aaaccagcaa	60
ataacaagaa	aaccatttaa	tgtaaagatt	tgtaaataat	cacttcaaaa	gaagtgcctt	120
gttgctgtca	catttagtcc	atcttcatat	aattcttatac	tgggccagtt	tcttgggcat	180
gggacatgtg	cagttacaca	agcctgtgct	cttaagaggg	tcttaccat	agtttaatgt	240
tctgctgttg	tagtcttgaa	attcttaatg	atttaacaag	gggtcctcca	ttttcatttt	300
gcactgggcc	ctgcaaatta	catagcccat	cctgatttct	acaactatag	aatagcacao	360
tgggaattcc	atatggatta	ataatatgtg	acacttacgg	ctttttctat	acgcttccaa	420
gtacttcata	taaattactt	catttcattc	aatggtagaa	ttggtagatg	cttaactttt	480
aatgaaagac	aaagtcagat	tcactctaag	gattaaaaaa	tatatgtaac	attacatttt	540
aaagattttc	aaaaacaatt	tggtgtggaa	atgaattatt	gncatgagat	attnccact	600
agacggactt	cctgtanggt	cangggctct	ggtcttctgt	anggatgaac	caagcttttc	660
ttgaanggcc	angtgctaag	tgtctcaagc	tttgtctgtt	aaggactacc	cactctgctg	720
gtgtagcaag	gaacacanc	ggttgagcc	agatnctcaa	atgancaagc	ctntt	775

<210> 2686

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(899)

<223> n = A,T,C or G

<400> 2686

taaatttata	caactncttg	ttctttttgc	aggatcccat	cgattcgttc	aagccccag	60
cctacgagga	tgtggttcac	cgcccaggca	caccaccccc	cccttatact	gtggccccag	120
gccgcccctt	gactgcttnc	agtgaacaaa	cctgctgttc	ctctcatcc	agctgccttg	180
cccactttga	aggaacaaat	gtggaagggtg	tttctccca	ccagagtgcc	ccccctcatc	240
aggaggggtga	gcccggggca	ggggngaccc	ctgectncac	acccccctcc	tgccgntatc	300
gccgtttaac	tggcgactcc	ggtattgagc	tctgcccttg	tcctgectcc	ggtgagggtg	360
agccagtcaa	ggaggtgagg	gttagtgcca	ccctgccaga	tctggaggac	tactcccgtg	420
tgccttacct	ccanagtntg	taccgcanat	ctttcccatg	gggctgtctt	ncagtgaag	480
gggacatncc	ataatagttt	tganagggtg	gatgggttac	tttgcccacc	aaaaacagcc	540
cttagtncca	acttccttgc	gtttcctttt	ggccccctcc	ttgccttacc	ttaaaaaatt	600
ttgccttgaa	aaagggtctt	gggaaaangg	ggcaanaaat	ttgggggggg	aacttggtgc	660
ntaanccttt	ttaaccccc	ccgcnnngga	acaattacaa	ccanggggan	cccttttggg	720

atccttccan	tttaaaaana	aaaatgtttg	gaaaccccaa	aaaaaaaaa	aaaaaaaaa	780
aaaaaaaaacn	ttcggagncc	ccttttttaa	aaacnttttt	aggggggggg	cccnttnntt	840
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<210> 2687

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 2687

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ctgctctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatc	agtcagggtg	cgtaagcctt	gaataccagg	240
tagcctcagg	agtgaaga	ttaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacacctggg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggcccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540
cattttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccacc	ctcn					794

<210> 2688

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2688

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acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatgggtg	180
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tgttgggtctt	240
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gntgggtttt	300
tctttctttt	tttttttttt	tcctctgngc	atcctanaaa	aactcccagg	actagactta	360
ggaggaggca	atcaagttat	gtggtaaaac	aagagtgcct	tttctgttgg	atatccactt	420
tagtttctctg	gcttccaggg	cataagatgt	ttanaaactt	tttttctcta	aacataagaa	480
ttattgtgtc	cacaattttg	aaccaccgat	ttccatatct	tcagcagcta	tcaacttgcc	540
aattcccttt	gggtctcctt	tgnatattct	tatgtttcct	tctgnttcca	gggtgcctcaa	600
aaagagttga	ggggggcatg	actcttataa	aatggataaa	aatgaactgt	acagatgttt	660
gcctccttgt	tctgtgagca	tgactctatc	anctgggaaa	ancgctttat	cattttggat	720
atttgaccat	tttggattca	gcattacttg	actccttatg	tgcnttggca	atggtt	775

<210> 2689

<211> 1157
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1157)
 <223> n = A,T,C or G

<400> 2689

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ggaaccccc	cnttttgncn	aaggaaaaaa	cccccaannc	agnaacttnt	tttaaantnta	120
cgggggacca	cagggnaggcc	aggcacccctg	tcccaaatgc	cccggnacnt	ttttatttaa	180
ccacccaaac	aagaaaaacng	agaantacgc	caccccggn	annggccaaa	aggnagnaag	240
gnggggaacaa	gcntnaccnt	gtgnctngca	acanacangn	gtggcnngaa	ancanccagg	300
actcnccggt	acatcaaatac	gcccannngg	cgcnncncat	gttcttaacc	anccggaata	360
ggggacaatac	aattggttgn	cntttgngcc	tgccgaaaag	ctagctggnn	anatctgccn	420
gggttaaataa	gccccnttaa	acggaagggc	anangggggn	aacnnaanaa	ggtnangcca	480
ttcccgccca	ccggaatgaa	gnaatgggga	ancccgccctt	ggngggggna	agtcangcan	540
aaacggcttg	acgnaaaaaac	aaanccattc	ncccccaant	tnngtanaang	gncccaang	600
aaatncncc	acngncnaag	ncccccnngg	gcnaatgnnc	ccaaatcccc	tcccattnn	660
atnttatgna	aaccaccttt	ngggggaaaa	aaaaaaaaag	nccntttntt	ngaaaaggaaa	720
gggttgcccc	attgggctat	gggaaggngn	ncncccccaa	attanaaaan	ttngggngga	780
naaaaaannn	gggcnncccc	gntttggggg	ncgncttttg	gcaaaccacc	ccccgtgcc	840
ccaaaaangc	ccaatgggta	ntccctaaaa	aaaaaagttc	ccccntttng	tgggaaaaan	900
cccccgggag	agggccccgn	gtttcaaaag	gggaanaatc	ccaaaaaaaa	ccnaatccta	960
naanggccaa	angnggtnt	ncctnaaann	nggnaatng	ncaaaagggn	ggngaannaa	1020
accnttgggg	anggcngaata	ttccccctg	gaaaaacccg	gggggggncc	cctcnccgna	1080
ananaaaaaa	aaccnnttca	aaccnngggg	gcntcncgg	ggtgccccga	acncttttg	1140
aaaagatcca	cnccccg					1157

<210> 2690
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 2690

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aacttcatgt	tctgaaaaa	tttgagccta	ctcatccaga	gagaggggtg	atcataagcc	180
cactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aaggaacaca	300
aattgaagaa	aggagctggc	tatcaccttg	atttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatggtttg	tggctgcaac	agtgttgcaa	taagtcattg	420
caacagctta	aaagttgaat	ctgaatgttc	tgctccaagg	gaacaacca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggctaata	gatttttatt	ctaattgggc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttcc	cattnaaagg	aatccagtta	tttgacccgt	atnaaatatt	tggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
ttacagtcac	tcagcttact	tgtttgggtcc	ttttatnggt	gataaaaang		769

<210> 2691
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 2691
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 ggtgtcattg cacatgcctg cagtcctggc tactagggag gctgaggcag gagaattttt 120
 tgcacccaga agttcaaggc tgcagtgagc tatgatcaca ccatggcact ccagcctggg 180
 caatagaatg agacccagtc tctaaaaaag tagaagttaa aaaaaaagat taagaataga 240
 tgtagggcag cagaatttcg aacttctttt cagcatcaca atacttttaa acagtgttg 300
 tcatctgcct caaaccattt gcctctcaca taggaaatat tttgaaacat attttttagt 360
 accttgaaat gaaattcatg ataattaacc catctacaca ctttttttaa aatcaatata 420
 gggccctaac agcaatataa aggggaaata aaaagaaact aattgtaata aaataatatt 480
 gatttcaata agtacattct agcccagtgc ttataaattt taatgtgcat atgaatcacc 540
 cagcattctt attaaatgca gattctagtt cagtagattt tgggttcagta ggtaagccct 600
 gagatttggc atttctagca gctnctagat gatgccaca ctgctgttta gtaaagagca 660
 tactttgagt agtaanggcc gaaaagtata aaaaaaaaaa aaaaaaaaaa aactcggcct 720
 ctanactata ggagtcgtnt tacgtanacc cngactgata agatcattgg tgagtt 776

<210> 2692
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2692
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 ctgcttctcc agggagccct ccctcactgg agactgggat ttagcaacca agacctgggc 120
 actggctgtg cttgttgctt ctgggccctc ctgggacaga gctgggaagt ggatctatga 180
 cacgtgcttg tgcatttacc cgccctgttg gtttctgtag ctgtctagtt cctgctgttc 240
 ctgtctcacc tgcccccttc cttatgtgta gtttcttcct gtgacaggga gaaacctggc 300
 tctcagattg acaggacatt cgcttaggcc atgtcagtgc tgtaggtgaa ctgttcaacc 360
 tgtgccccag ggaggcgcag tcactatgga ggcaccttac ttccttaatc gtgtactggg 420
 gtttttgtgt ttgacctgta gcatctaagt actggtttca aaagtgcct agatgagttc 480
 ttttctttct ttcacctcct gcaaattatg tgatttgcac aatttgtaca taagttaggt 540
 tcatttgta gtttgtattc cttttggctt ccccatatc ctggttgact ttttctttct 600
 tttgtaactt acatatgtta tgaaattata tgaggatata taatttcata aatgtttatg 660
 ggttacatgt attaatgggt attattaaaa ncacctggg attgactggc caaccatttg 720
 gtggaagata gcaataaata atacatcata aaagacttta atgtaaaaat aan 774

<210> 2693
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 2693
 nnntttanta tntntacagc tntcggctnt tgcacgatch catgatccca tnnattnnngn 60
 ttaattccct gaatcctact tgaacattgt ataaatttct ctttgcataa aatacatatt 120
 tgtgaatgag acatattccc aaaaaattct tatctctgta tgtgattgga aaagaaaaga 180
 tcacatttgt atattcaaca atctttcacc tatttcataa gtcatttttt caccctgtat 240
 agtatgggaa ttatttttta tgttaaataa aaactgaatg tactgggttg aatggtgtcc 300
 tctccaaaat tcatgtactt cctggagcct cagaatgtga ccttatttgg aaatactgng 360
 gttgtgggtg taagtagcta agatgangtc atactggagc agggcaggcc cttaatccaa 420
 tatgactggg gttccttata aaaaaaagat aanggcgggc atggngggct cagcctgta 480
 atcccagcac tgtgggaggc caagccaggc aaatcgcttg aggctgagga gttcaagacc 540
 agcctggccc aacatggcga aaacccatct cttctaaaaa taaaatttag catgccgtgg 600
 tgcttgtaat gtcagctacc ccaagaatct gangcacaaa gaatcacttc gaacctggga 660
 agnggaggtt gccanaaccc caccactggc actncagtgt ggagcaacaa aaccgagact 720
 cttgtcttca aaaaaaana nannaaannn nnnnnnnanc ctcgancct ttaaaacttt 780
 agggaggccg tntttacgta natcccaaac atggat 816

<210> 2694
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2694
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 tgaggagtgt ttaatcattg atacagaatg taaaaataat agtgatggaa agacagctgt 120
 tgtgggttct aacttaagtt ccagaccagc tagtccaaat tcttcctcag gacaggcttc 180
 tgtaggaaac cagactaata ctgcttgtag tctgaagag tcatgtgttt taaaaaaacc 240
 tatcaaacga gtatataaaa aattgatcca gttggagaga ttttaaaaat gcaggatgag 300
 ctcttaaagc caatttccag aaaagtacca gaattgccct taatgaattt agaaaattct 360
 aaacagcctt ctgtttctga gcaattgtct ggtccttcag actcctctag ttggccgaaa 420
 tctggatggc cttctgcatt tcagaagcca aaaggacgat tgccatatga acttcaggac 480
 tatgttgaag atacatcgga atacctagct cctcangaag gaaattttgt ttataagtta 540
 tttagcctgc aagacctgtt gttactcgta cgctgcagtg tccagaggat agagacaaga 600
 ccacgttcta aaaaaccgga agaaaatcag aagacaattt ncagtttatg tntacccaa 660
 agtagagtat caagcttggg tntggagttt gaagctcttg actgaaagtg gactttgtcg 720
 cttatngact ggaaagttaa ttgctttcca ccagctcatt ttatgtttgg gcatatcgat 780
 gccntt 786

<210> 2695
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2695

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tgaggagtgt	ttaatcattg	atacagaatg	taaaaataat	agtgatggaa	agacagctgt	120
tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgctttag	tcctgaagag	tcattgtgtt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgaggaga	ttttaaaaaat	gcaggatgag	300
ctcttaaagc	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgta	cgctgcagt	tcagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggg	tntggagttt	gaagctcttg	actgaaagt	gactttgtcg	720
cttatngact	ggaaagttaa	ttgctttcca	ccagctcatt	ttatgtttgg	gcataatcgat	780
gccttt						786

<210> 2696

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2696

tttctncttc	tttttgcagg	atcccatcga	ttcgcgcggg	tagcggtgg	gtctggagcc	60
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gcgggcctgg	taacattctt	gcttgcaact	tgcggcaggg	ccaacttgac	cggccggggc	180
ctggtccggc	cggttgcaag	ttcaattgag	aacttttttg	acggaagagg	ggaccaaacc	240
attccaagt	ggagtggaa	tcctcagctg	cttcctcaag	ctgcacacca	ccagccacct	300
tcacagtga	tttgttgagt	gtcaaaacat	ctcaaggaaa	tttctcctct	tctctnctg	360
gaggctatgg	cattggtact	gaagagagga	aacttaccca	agaaaccact	tatncaaata	420
cttacatttt	tgacttggtt	ggangtggtg	atcttcttgt	agaaattctt	atgangccta	480
cgatctctat	ncggggacag	aaactgaaaa	taagtgtatga	aatgtncaa	gactgcttga	540
gtatcctgga	taatacctgt	gtctgtcaga	nggagttaca	aagcgttttg	cagaaaagaa	600
tgactttgtg	atcttntctg	ttacattgat	gaccaagtaa	agaagacatt	nttacaacaa	660
gnaacccttc	attgaagata	ttttgggtgt	tnaaaangga	aatgatccga	ctngatgaag	720
tccccaatct	gagtccttaa	nttccaattc	gatcaanaac	aantcgctta	atttttgcgg	780

<210> 2697

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2697

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gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggcaaacac	agcaccgagt	120
ctgctctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcata	agtcagggtg	cgtaagcctt	gaataccagg	240

tagcctcagg	agtgaaaaga	taaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagegcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggcccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aattttgaag	cattttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgttttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncacccacc	ctcn					794

<210> 2698

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (696)

<223> n = A,T,C or G

<400> 2698

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accaacagca	gcttacgcaa	acagaacctt	gacctccttg	aacagttgca	ggtggcaaat	180
ggtaggatcc	aaagccttga	ggccaccatt	gagaagctcc	tgagcagtga	gagcaagctg	240
aagcaggcca	tgcttacctt	agaactggag	cggtcggccc	tgctgcagac	ggtggaggag	300
ctgcggcggc	ggagcgcaga	gcccagcgac	cgggagcctg	agtgcacgca	gcccagagccc	360
acgggcgact	gacagctctg	caggagagat	tgcaacacca	tcccacactg	tccaggcctt	420
aactgagagg	gacagaagac	gctggaagga	gagaaggaag	cggaagtgt	gcttctcagg	480
gaggaaaccg	gcttgccagc	aagtagattc	ttacgaactc	caacttgcaa	ttcagggggc	540
atgtcccagt	gttttttttg	ttgttttttag	atactaaatc	gtcccttctn	cagtccctgat	600
tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	atgcaactta	tgtttttaaaa	660
aaaaaaaaann	nnnnnnnnnn	nnnnnnnnnn	nnnnnat			696

<210> 2699

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (708)

<223> n = A,T,C or G

<400> 2699

ttageccttgn	nttttgcnga	tcctctgatt	cgaattcggc	acgagaaaaa	cctgggtatg	60
tatctagaag	tggaaaaaaca	aaaaaaggaa	ataagttatg	aaaataaaaa	ccatgtcttg	120
agctgggtgc	gctggtgtgt	gcctatatcc	ctagattctc	aagagggtga	gacaggagga	180
tcacttgagc	ccaggagttc	aagtccaact	tgggcaacat	gacaagaccc	ttgtctcttt	240
aaaaaagcaa	ctcaaaccat	gtcttgaaaa	gctattttaat	ggtcagacac	gatggctcac	300
gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcgga	tcacttgagg	tcaggagttc	360
aagaccagcc	tggccaacat	ggcaaaaacc	agtctctact	gaatgaaaat	acaaaaatta	420
gctggcctag	cagttggtgg	tggcaggtgc	ctgtagtccc	agctacttgg	gaggctgagg	480
caggagaatc	gcttgaattt	tgggaggcgg	aggttacagt	gaacccacat	ggcgccactg	540
cactccagct	tgggtgatag	atgagactct	atctcaaaan	aaaaanaana	aaaactcgag	600

cctntagaac tatagtgagt ctattacgta gatccagaca ttgataagat ncattgatga	660
gtttggacaa accacnactn ggaatgcagn gaaaaaaaaat gctttttt	708

<210> 2700
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 2700	
tnctaanncc ggctatngtt ctttttgcag gatcccatcg attcgaattc ggcacgaggt	60
ttgtgtgaga ttgatcata gtctaaaact atcacgtctg agttgcctta ggatgacagt	120
gctgacaccc agtaggaagt atcccatttt tatcaggaaa gtcagtcacg cgtagggatg	180
gtgaggagac gcgtagggat ggtgaggagg ggagaggagg gagacctgct ggtgcccttg	240
caccaggggtg aggcctgact cacgctgctt cccccacag gccctgcttt gcttgccctgc	300
tttttccaga atcgattttg caagcttcaa gattctgttc cctctctgcg agaagtgagg	360
aaggcaaata cttaggggtt gaaggagac ctggccggcc tgagggtgag cagatgtgag	420
ggcaggacac ctgggatgga ctgtaggct gaccaggcc caaagggggc tgcctgttcc	480
caactctttc actctgtaac ccattttaaa atgagttttt gaatcttgcc tcaaattgac	540
ctacttggat aaaatcagt cttttcctaa cttgattttg ttgacgtgg ttccctctaa	600
gagaatggta ggaattgaaa ctatttgtat atgttgaaat ttgtaggggt tcaggaaccc	660
atggcagaaa cactaaacta tttatttaca agtatgacta ttttttttc aaaagtaggc	720
aattctttgt atattttaag gcaaataatc acttcacctt ctggtgcctt cc	772

<210> 2701
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2701	
ttaacntnca gctacttggt ctttttgcag ggatcccatc gattcgctgg accgggtctt	60
ggtgctttcc agctcagggc gttggtccac ttggttattc ttggggacca aaatccaagc	120
taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca	180
gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg	240
agtctggcag ttagaagagt aaagtgcac tgtcaacaaa agaaatacca aagatgagac	300
tacagcagcg acttgtcacc tcttccgtgt tgctactgcc tgagaacaga ggtttttagt	360
ttctttaaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg	420
tttactttct ggcctttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa	480
aaggcataga acagtcaaat cacgtaggat ttcttggttt ctccatgcag gctcatcgaa	540
tagcaaccat cctttcttag tttcttgaaa caagtacctt atttacattc agagaattat	600
atgtggacaa acagctcata agcccgtagt ttacatact cacttcctga attgcatatt	660
gaaaaagaga gttcatgtaa agccgattat tatttaactt aaagttagtg tcacatagga	720
agcactagt tagagaaata ggggtctgang gacaaggagc ctgtgtgccc gtgtcgg	777

<210> 2702
 <211> 777
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 2702

ttaacntnca gctacttggt ctttttgcag ggatcccatc gattcgctgg accgggtctt	60
ggtgctttcc agctcagggc gttgggtccac ttggttattc ttggggacca aaatccaagc	120
taggatgggg acagaggcct ggagacaacc tgctggcctc cttccattaa agccattaca	180
gtgtcaccac aggattgtaa gaattacaaa tgcgttttcc agagtcccca gagaaaaagg	240
agtctggcag ttagaagagt aaagtgcac tgtcaacaaa agaaatacca aagatgagac	300
tacagcagcg acttgtcacc tcttccgtgt tgctactgcc tgagaacaga ggtttttagt	360
ttctttaaag ggttgtaaac ataaaaacaa agaaggatac aacatgcaag gcctaaaatg	420
tttactttct ggccttttac acaggcagtt cgccagcccc ctaccctaca gtatggaaaa	480
aaggcataga acagtcaaat cacgtaggat ttcttggttt ctccatgcag gctcatcgaa	540
tagcaaccat cctttcttag tttcttgaaa caagtacctt atttacattc agagaattat	600
atgtggacaa acagctcata agcccgtaact tttacatact cacttcctga attgcatatt	660
gaaaaagaga gttcatgtaa agccgattat tatttaatat aaagtatatgt tcacatagga	720
agcactagtg tagagaaata ggggtctgang gacaaggagc ctgtgtgccc gtgtcgg	777

<210> 2703

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 2703

cctaancgct tggtactcg nntctctctgc aggcattccca tgcgattcgg gtagttaagc	60
cccccaaaa caagacggna aagtgaaaat acttcagata aacccaaaag aaagaaaaag	120
ggaggcaaaa atggaaaaaa tagaagaaac agaaagaaga aaaatccatg taatgcagaa	180
tttcaaaatt tctgcattca cggagaatgc aaatatatag agcacctgga agcagtaaca	240
tgcaaatgtc agcaagaata tttcggtgaa cgggtgtgggg aaaagtccat gaaaactcac	300
agcatgattg acagtgttt atcaaaaatt gcattagcag ccatagctgc ctttatgtct	360
gctgtgatcc tcacagctgt tgctgttatt acagtccagc ttagaagaca atacgtcagg	420
aaatatgaag gagaagctga ggaacgaaag aaacttcgac aagagaatgg aaatgtacat	480
gctatagcat aactgaagat aaaattacag gatatcacat tggagtcact gccaaagtcac	540
agccataaat gatgagtcgg tctcttttcc agtggatcat aagacaatgg accctttttg	600
ttatgatggt tttaaacttt caattgtcac tttttatgct atttctgtat ataaangtgc	660
accgaaggtn aaaaagtatt ttttcangtt gtanataatt tatttaatat ttaatggaaa	720
gtgtatttat tttaccanct cattaaacnt tttttaaacc aaaanaanac nntctnnnnn	780
nntccc	786

<210> 2704

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 2704

```

gngaggnnnn ttttnnaanat cagctacttg ttctttttgc aggatccctc gattngaatt      60
cggcacgaga tttgaggacc tcagacattt ttaaaaatgt aaagggggtg gggtcaggct      120
cagtggctcg tgcctgtaat cccagcattt tggagggccg aggcgaacgg atcacttgag      180
gccaggagtt tgaggctagt ctggtcagca tggtgaaacc ccgtctccac taaaacaaaa      240
agttttctgg atgtggtggc acacatacct gtaatcccag ctactttggt ggctgaggca      300
tgagaatcac ttgaaccag aagacagggt gcagtgagcc aagattgtgc ccctgcattc      360
tagcctgggt gacagtgaga ctgtctcaaa aaataaagggt gtacagggat tgtatatattg      420
acaacttggg atgtaggatg tgctacctct aatgttccat gctgttactt agttttcact      480
cactactata ttttggagat ttgttcatat tgctctgtgt acatttaatt cttcagtgtg      540
tatccaccac atttaactta ttcacttaca gaactatgca agaattttctc tggtaaattt      600
cactaagtac ttatgtactt ttcagaacga ttgtgagttt acaccctac cagcaggact      660
gagttgagta ccattttcct cacatncttg ccagtcttca tttgcctaata tttgccattc      720
tcataatgtg gcaattgtca a

```

<210> 2705

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2705

```

ttnaaatcgc tnggctactn gttctttttg caggatccca tcgattcgaa ttcggcacga      60
ggtaagttat ttgttaagtt agaaccctca gtgcatggtc tagggatctc tggagggtccc      120
caggaccctt tcagagaagc catgaggtca aaactgtttt cataagcaga accaaaacat      180
tatttgactt tttcaatgca ttggcatttg cattgatggg acaaaaagcaa ggatgagtaa      240
aatgggtgat tccttagcgt gatcaagatg gtagtaattg tactagtagt cattgtattc      300
ttcactgccca caattttttt taaaactacc aatttttaatt aagaatgtta gtcacagttg      360
tttaaaaagct cagaactccc attaaaaaaa aattttaaaaa agaattgtctt tggtaaagca      420
gcaaaaactg gatgaatttt attaaactcta gagccttgag taaacatctt ttcaggattt      480
tgtgtgttga aatagaaagt atggggccagg tgcagtagct catacctgta atcctagcac      540
tttgggaggg tgacgtgagt ggatcgcttg agcctaggag ttccagacca gcctgggtaa      600
catagtgaaa accctgtctc tacaaaaaat acaaaaaaat tagctgggtg tngtgggtgtg      660
cacctgggtg tgtcagctac tttgggaagc ttgaaggcaa naaaggant

```

<210> 2706

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2706

```

gagagggnntt ctaatncnng ctacttgttc tttttgcngg atccctcgat tcgaattcgg      60
cacgaggttg atacctctag tgcaatttat aagcaatatc gtttacaaaa gggtacagag      120
aagtatccag aattgcagaa tttacctcaa gaactctttg ctggtgaccc aactaccgtt      180
tcacaaggat tgaaagatga ggttctctac aagtgtagaa agtgcaggcg atcattattt      240

```

```

cgaagttcta gtattctgga tcaccgtgaa ggaagtggac ctatagcctt tgcccacaag      300
agaatgacac catcttccat gcttaccaca gggaggcaag ctcaatgtac atcttatttc      360
attgaacctg tacagtggat ggaatctgct ttgttgggag tgatggatgg acagcttctt      420
tgcccaaaat gcagtgccaa gttgggttcc ttcaactggg atgggtgaaca gtgctcttgt      480
ggtaggtgga taacacctgc ttttcaaata cataagaata gagtggatga aatgaaaata      540
ttgcctgttt tgggatcaca aacaggaaaa atatgaacat gatattttat agcttgggaa      600
gaaacttgca gatgatatgt gctgcctttg cttcttatca ttcattggcag atgtttgtgc      660
tttcaacatt tcatttgaaa tgggagaaga taaaatcact tgatgtacct ggaaactatg      720
ctttacatgg caatcaaagc cttt                                     744

```

<210> 2707

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2707

```

naatcgctag gctcttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagcta      60
tgatcaggac tgactaggta gttggcatgg cccatagaga acaaggaaag atgggctggg      120
ggattggccc acctgggagc cacatggggc aaggggagcc ctcacctca gccagccaga      180
cgagtgggat ttccccagc acagcatacc cccttcacaa agggacaact aaagtgcttc      240
attaagcaag tcctggatcc tgtgcccccc aactgggtga gacaccccaa tgggtcacca      300
gacaccttat acaagagcat ttctactggc atcaggtggg tgccccctca ggacagagat      360
cccagaggaa ggagtggggg ctcatctttg ctgttctcca gactctctg gtgacatctt      420
cagggtgtgg agggaccagc ataagtaggg cttgaagtga atccccagca aactgcagca      480
gccctacaga agaggtgcct gactgttcaa aggaaaacag aaagcaacaa caacatcaac      540
caaaaagtcc ccacgaaaac ctcatctaaa ggtcagcagc ctcaaagatc aaaatgagac      600
aaactcatga agatgagaaa ggaatgaaaa acccctcaca actcaaaagg ccagantggc      660
ttgtttactc caaatgatca caacacctct acagcaagg                                     699

```

<210> 2708

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (692)

<223> n = A,T,C or G

<400> 2708

```

tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagagaacag      60
ggagaagaga ggaagagggg gctgcagggt ccagaagaga acagggcgga ctctcaggac      120
gaaaagagtc aaaccttttt gggaaaatca gaggaagtaa ctggaaagca agaagatcat      180
ggtataaagg agaaaggggt ccagtcagc gggcaggagg cgaaagagcc agagagttgg      240
gatgggggca ggctgggggc agtgggaaga gcgaggagca ggggaagagga gaatgagcat      300
catgggcctt caatgcccgc tctgatagcc cctgaggact ctctcactg tgacctgttt      360
ccagggtgct catatctcgt gactcagatt cccgggactc agacagagtc cagggctgag      420
gaactgtccc ccgcagctct gtctcccttg ctagagccca tcagatgctc tcaccagccc      480
atttctctac tgggctcctt tttgactgag gagtcacctg acaaggaaaa acttctatca      540
gtactttgat atgtcacagt ttcattgtta tcagttcaa tgtattttta aatttttctt      600
tgagacttct ttgactgata gattattgtg aatgtgtttt taaattttca aatgtttang      660

```

gattttcata tctttcttat gctgatttcc aa

692

<210> 2709

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 2709

gcnnnnnnn	nnnttgcn	aa	tcgctagg	ct	acttg	ttctt	tttgcagg	at	cccatcg	gatt	60
cgaattcgg	c	acgag	ttttt	t	cta	atccaa	acgcact	ttct	ctttatt	caa	120
aactgggtc	aa	tgggaa	acgc	c	ctga	agcca	cgtgcct	ggg	gagaa	aggct	180
ttcgggttc	ag	cgctgc	gtgg	gatcc	acgcg	gctgg	ctgtg	cgca	accccc	acagttc	240
tcagacact	a	ccaagc	agg	cagtc	gacaa	aagca	aggaa	ttaa	acaaaa	aacagaa	300
cactcagta	g	atttctt	ctta	gaag	ctccca	gagtt	ctctg	accac	caagt	ccccac	360
aaagccagg	a	gcgagg	gggac	taac	agcgca	ccccct	ccac	cagt	gccgac	ggaaac	420
ttttaaatt	a	aaaaata	agc	cagt	tatacat	cgtag	aaaat	ttct	cttaaa	aatctca	480
tttgtaa	atg	tata	ttttt	ctt	taacata	aaagt	ttaca	atata	ccgta	aaacaaa	540
ctcaggaaa	a	taattt	ccaa	aaaaa	aggaa	gaaaa	agaaa	cctga	agttt	tgaattaa	600
ctgaagaca	t	tttttt	aaaa	ccctg	ttgtt	gaacc	agtga	cttttt	ttta	ttgngct	660
ggggttaga	g	aagaa	atatt	t	aaaaa	caaaa	nanann	nnnnn	nnnnn	nnnnn	719

<210> 2710

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2710

gncmtnnt	tn	acttc	cn	aat	cgctt	ggcta	ctcgt	nctct	atgcagg	atc	ccatcg	attc	60
ngacagact	c	gtctn	atc	ag	atgggg	ag	aangt	cgaag	cctat	cantg	gagtg	ttagt	120
gaanggag	gn	ggata	aaaa	aat	tggng	atgtn	gttgg	ctcat	cnggt	gctaa	tcanc	rnaca	180
tctgnaaa	ag	tnntat	ntga	aggg	anana	aa	tttg	attatg	tnttct	caat	tgntg	ttaat	240
gancgtgg	ac	catcata	taa	nttg	ccatat	aatacc	agtg	ntgac	ccctnn	nttan	ctg	ccc	300
taccactn	nt	tacag	ancnn	tnannt	gaat	ccnntg	ttnn	nngnt	caact	ncntta	antc		360
atnantgg	tn	acacata	agg	tnatang	ntg	gnactn	gaga	atncc	agntt	nncag	atcca		420
tttacang	cn	gtnn	acagg	atgtc	acnnc	tctnct	ngat	ctnnt	gaenc	actgcc	ccacn		480
gctgac	ctt	tnnca	antgc	tgnann	gnat	gtacc	acatt	ctga	atgtat	cnna	actn	cn	540
atnncct	gat	aancat	ccat	ntcagg	ggaan	attgc	ctccc	nateng	natg	cntnt	aaaa	ac	600
aatgaat	ctt	gggccc	ctna	tanct	aggct	gncac	attat	gaccan	gctt	accct	acacc		660
aatattang	t	aaact	gaaat	gaact	tttatg	gaactg	nnnt	nntag	cacaa	ntttc			715

<210> 2711

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 2711
 ttnaagcctn tnttnanttt caaatcgcta ggctacttgt tctttttgca ggatcccatc 60
 gattcgaatt cggcacgaga ggaggaaaagg gaactccctg accccttggtg cttcccaagt 120
 gaggcaatgc ctgcgcctgc ttcggtctgc gcacgggtgcg cgcacccact ggctgcgcc 180
 cactgtcttg cactcgctag tgagatgaac ccggtacctc agatggaaat gcagaaatca 240
 cccgtcttct gtgtcgctca cgtctgggagc tgtagaccgg agctgttcct attcggacat 300
 cttggctcct cccaagagt tctggagctt gagaagtcaa ggatcggggg gctggcctat 360
 tcagttcctg gtaagggctg tcttcctggc ttgcagttga actacttctt gctgtgtctt 420
 cacaagcatg ccccatcct gtgccgataa gaactccana ccccaaactc agtcataca 480
 cacacggaag agagaagcat ctgaacatca agaagagaan aagctgctgg acatcagaaa 540
 ctgtgaaagg agaggagttt ggctgagctc caggggaaga ctgcctgcac attctatccc 600
 cttttcagtt ccccatcctg ctgtcagcca catttaccac tcaataaaat cttcacattc 660
 accatccttc aaaaaaaaaa aangaaaaaa ctcgagcctc tagaactata gtgagtcgga 720
 t 721

<210> 2712
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 2712
 gcngntnttn antttcaaat cgctnggcta cttgttcttt ttgcaggatc ccatcgattc 60
 gaattcggca cgaggataaa tacctcagcc cctcgcttc ctcaaccac ctggcaagtc 120
 ttcttaggat ctgatccag ttttctggaa gcaatcctac ccagcccaa gcttccaga 180
 gtcgagcctt aatccttctc acttctcagt gtcagagcag aaatgaatcc tggggttgac 240
 tgtgtccatt cgggttatta gcagetaaga agccagacg agtagtgtga gctgccttg 300
 gagectcagt gagggcactg ggactggcct cactctcttg ccccgagcct agtgggctt 360
 ctcctctgtc tctcgggtg cccagggcaa tgcactgcat cagcgaggga cgtgagttg 420
 agcgccacg tgctgcccc ccagaggtct acgccatcat gcggggctgc tggcagcggg 480
 agccccagca acgccacagc atcaaggatg tgcaagccc gctgcaagcc ctggcccagg 540
 cacctnctgt ctacctggat gtccctgggt agggggccgg ccaggggctg ggagtggta 600
 gccgggaata ctggggcctg ccttagcatc ccccatagct tccacagccc caggggtgatc 660
 tcaaagtatc taattcacct taacatgtgg gaaggacag gtggggcttg g 711

<210> 2713
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2713
 nttnaacata cangtactt gttctttttg caggatccca tcgattcgaa ttccggcacga 60
 ggtgaaagag ttcatgacct ccttgccgcg ggctgggtgc tctgcgatca agggctgcag 120

```

aaccagnccc ngngcntggt ggncntgacc tcttacannn cgtgccgtat tcnaatcggt      180
gggtatcctgc tcaaggactg tagctcntnt acganaangn tnacnnacnt gatagacacg      240
tccacatcac anttgccccc aaactgcctg tgctcctcna tgggtgtctct ccctccagaa      300
aacgcattgct tattgacctt ggttttgatc tgcttgcccg tgcgggtgag gaagatggag      360
gagttgggggt cgctggcact cattttgggtc tgggcgcctt gcanggctgg gaagaagggtg      420
gagtgcacat gggataaggc actggatatc cgctcgtctc cggaagatct gtgggaatga      480
gttgctgaag gagggagcan cctgnatggc angaaaactg atcttcccaa tgcantcgct      540
gtcantgaag ccgaaaatgc ctttcacttg gttgaaggta acatgctttt gaatcttcac      600
cacatttttg tanaaacctg aactgctcta naactatant gagtcttatt acntanatcc      660
anacatgata agatacattg atgaatttgg acaaaccaca actagaatgc antgaaaaaa      720
atgcttttatt tgtgaaatth gtgatgctat tgcttttatt gtaaccatta c              771

```

<210> 2714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2714

```

gngagnnnnn tttttaanat cagctacttg ttcttttngc aggatccctc gattcgctca      60
aaaccaaate tcaactcagc tacagaatct actgtgggtc ttgtctgaaa aaattagttc      120
actcggttgg aatcttgtct cagagcatcc tcctctcttt ctcaaaagcc cctaccccaa      180
caccggcgtg ttggttgtct attgaaactt acaagtggat ggaccctttc tcccgaataa      240
actggccttt gaaagctcta atcgaaatgg tttggcaaaa tccatactgc aggagattag      300
ggaggacaag aatgatgtgc ctttttgtac tgctgagcct gatggtggtg ccactacttc      360
aggtaacttag atgagtcttg atgctaatag aattgtgtcg ccaaacatat ctggacagtt      420
acaacctaata ctatgcatta attggtttgg gaattgcttg aaattattgn ttaattcaat      480
gttttaaatc gttttcctaa aaatttaagt gccccatca tcgtgcaata cctcagtgc      540
gcaactcctt gattcttgga tgactgaact tnctaacttg actctgcca ttggtcccat      600
ttttcatggt tttcacaaat agttaaccag gtacctacta ctgtgcaccg ctgcagaagc      660
attgaaggat gtatgtgatg agtnaaaaca cccaacctgc tctgctgngt taggattatg      720
acngaaactg gtcaaaatca catgtgaaca aa              752

```

<210> 2715

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 2715

```

gnnagnnnnn nnnngnnng ntttnnaaga ncagctactt gttctttttg caggatccca      60
tcgattcgaa ttccggcacga gggaaccccc accattaagc taaagtaaaa cccttttgag      120
ggaagaggga gactggggag aagggaagag agagaaggca gggagagtag ggagagaaaa      180
cctccagca gccagtaaaa ctgcgggcga agagatctac ccgtctccct ccctcccaca      240
gttaccattg gccttgatc cgcaagcatt tgacaaagac ttgcttgtct tgggcctgtc      300
acctcctgaa aggctgcttt agctgtggat gcccttgatt aaggagagaga gcgcctagga      360
gtcgctgcc ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat      420
cctagcatgc agtggaaagt gcttagctct ctccctcctg acctctgggc agccagtcac      480

```



```

caaagcagag agacgtggcg gcatgtgggc agcatgccca gggttccttgc tgactcagca      540
cttattttctg tagtttttaa aaagaattta atgttttttg ttgtattttt ttggggggggt      600
gaggggtgggc aaaaacatgg gggtagttct gagttgttag aaatgtttct tgaatcaaag      660
tttgtttgaa gacacctgtg cctttgtacc cattataaga tggtcattaa gacccaagaa      720
actgataact ttggnntttt tt                                              742

```

<210> 2716

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2716

```

gnnagnnnnn nnnnnngnnng ntttnnaaga ncagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga gggaaccccc accattaagc taaagtaaaa cctttttgag      120
ggaagagggg gactggggag aagggaaaag agagaaggca gggagagtag ggagagaaaa      180
ccttcagca gccagtaaa ctgcgggcga agagatctac ccgtctccct cctccaca      240
gttaccattg gccttgtcat cgcaagcatt tgacaaagac ttgcttgtct tgggcctgtc      300
acctcctgaa aggctgcttt agctgtggat gcccttgatt aagggagaga gcgcctagga      360
gctgcctgcc ccagctgggg tgacggctgt agggctgggt ctatgttgca agccctatat      420
cctagcatgc agtggaagt gcttagctct ctccctcctg acctctgggc agccagtcac      480
caaagcagag agacgtggcg gcatgtgggc agcatgccca gggttccttgc tgactcagca      540
cttattttctg tagtttttaa aaagaattta atgttttttg ttgtattttt ttggggggggt      600
gaggggtgggc aaaaacatgg gggtagttct gagttgttag aaatgtttct tgaatcaaag      660
tttgtttgaa gacacctgtg cctttgtacc cattataaga tggtcattaa gacccaagaa      720
actgataact ttggnntttt tt                                              742

```

<210> 2717

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2717

```

gnnnngnnnnn nnnnnngnnng nttnttagat anagctcttg ttcttttttg aggatcccat      60
cgattcgaa ttcggcacgag gccntcctgt nnacagcgng gcaagangaa tcatnntgnc      120
tgngcatttt gcncncttta tctgggnnta tantgtacat nnaggacaga ccactcctaa      180
ttgacaacat ctannctntn tggatgtnaa agangttgcc agngtatnac aaangtngan      240
ntagnanact aatntntttt gtacattntg gnttacaagt cctaggaaan attggcctct      300
gaaaatttga tgnctnnttg gttgatggag atggnaaggg ntctangcca gaatgntcac      360
atttggaaga ctctntcnaa ttntnactgt nggtacatgt ttgcanntat attcaanact      420
gctgtntaca tagtagacaa atnaactcct tacttgaaac atctagtcta tctagatgtn      480
tagaagtgcc ccatgnatgc taaatgtata cgtagtgaaa taccactttg nnaatatctc      540
tttgctaaaa ttcatncgaa atgctttttg aaattgantn gnnaanncac ctttgtnaac      600
agnntantgn tgnntatcct tgnncaatat nttaaaggac gtaaggangg aagaaattgc      660
aaaaagggat atcctancgt gngcatactt gggcatttca gacccttggt ctatatgntn      720
gggcatctgg gtt                                              733

```

<210> 2718
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (733)
 <223> n = A,T,C or G

<400> 2718
 gnnngnnnnnn nnnnnggngg nttnttagat anagctcttg ttctttttgc aggatcccat 60
 cgattcgaat tgggcacgag gccntcctgt nnacagcgng gcaagangaa tcatnntgnc 120
 tgngcatttt gcnctnctta tctgggnnta tantgtacat nnaggacaga ccactcctaa 180
 ttgacaacat ctannctntn tggatgtnaa agangttgcc agngtatnac aaangtngan 240
 ntagnanact aatntntttt gtacattntg gnttacaagt cctaggaaan attggcttct 300
 gaaaatttga tgnctnntgg gttgatggag atggnaaggg ntctangcca gaatgntcac 360
 atttggaaga ctctntcnaa tttnactgt nggtacatgt ttgcanntat attcaanact 420
 gctgtntaca tagtagacaa atnaactcct tacttgaaac atctagtcta tctagatgtn 480
 tagaagtgcc ccatgnatgc taaatgtata cgtagtgaag taccactttg nnaatatctc 540
 tttgctaaaa ttcatncgaa atgcttttgg aaattgantn gnnnaanncac ctttgtnaac 600
 agnntantgn tgnntatcct tgnncaatat nttaaaggac gtaaggangg aagaaattgc 660
 aaaaagggat atcctancgt gngcatactt gggcatttca gacccttggt ctatatgntn 720
 gggcatctgg gtt 733

<210> 2719
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2719
 nnnngnnnnnn nnnngnnngn nnnnnnnngn nnnntntttt agatcagctc ttgttctttt 60
 tgcaggatcc catcgattcg aattcggcac gagctcatgc ttcaagaagc agataaactg 120
 ggctgcaaac agtttggttac tctgcagat gtggtttcag gcaatcctaa acttaattta 180
 gctttttagt ctaatttggt taacacatac ccgtgcctgc acaagccgaa taataatgac 240
 atcgatatga atttactgga aggagagagc aaggaagaga gaacatttcg gaactggatg 300
 aattccttgg gagtcaaccc atacattaat catttgtaga gtgaccttgc agatgcttta 360
 gtgatctttc agctctatga gatgatccga gtgccagtca actggagcca tgtcaacaaa 420
 cctccttata ctgcccttgg agggaaacatg aagaagggtga atgaaataat ggccatggat 480
 atattgntat tgttctgata tgaaacaaag aatttagagt ttcatgaagt tatacgtgct 540
 ctgtcccccac aattctgatt cagaccacaaa tgtgttaagc ttaatagcct ttttacaagt 600
 ttgctttaat aaatttgaag atgaaggcaa aaaaaaaaaa nnnnnnnnnn nnnnnnnnnn 660
 nnnnnnnnnn nnnnnnnnnn nnanaaaaaa aaaacctngn ccctttaaac tttnggnggc 720
 ntttncntaa nncennactt gaaaaancn 749

<210> 2720
 <211> 768
 <212> DNA
 <213> Homo sapiens

<400> 2720

```

acatacagct acttgttctt tttgcaggat cccatcgatt cgagacagtc aagctgcatt      60
gcaacactgc atgtctgact aacagcatac attgtcctga agaagcatct gtagggaatc      120
cagaaggagc gticcatgaag atgttacaag cccggaagca gcacatgagc actcagctga      180
ctattgagtc ggaggcgccc tcagacagca gtggcatcaa cttgtcaggc tttgggggtg      240
atcagcttga aattcagcta accgagcagc tacggtcctt catccccaac gaggatgtga      300
gaaagtcat gtctcatgtt atccggacct tgaatatgga atgttcagaa acacatgtgc      360
aagggagctg tgccaagctc atgttgcgaa caggcctcct gatgaagctt ctcagcgagc      420
agcaggaagc aaaggcattg aatgtagaat gggatacgga ccaacaaaaa acaaattata      480
ttaatgagaa catggaacag aatgaacaga aagagcagaa gtcaagtga ctcatgaaag      540
aagttccagg agatgactat aagaacaaac tcattcttgc aatatctgtg actgtaatac      600
taataatatt gattataatt ttttgtctta tagagggtgaa ttcacataaa agggcatcag      660
aaaaatcaaa gacaacccat caatatcagg agcctgagca tgagttaaag catgtggatg      720
gcctggaact atgtttttta aatgggtatta aatattgggt ttttactt      768

```

<210> 2721

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2721

```

gagaggnnnt tttgaagncn gctngnngnc ttttnganna gttntcgten gcangatgna      60
cacacggaga cagatactgt ggaccccaana agcaatggac ggccccccac tgctgctgct      120
gtccccaaat ctgcgaaata catcgctcag gtgctgcagg actcagaggt ggacggggat      180
ggggatgggg ctcttgggag ctcaggggat gagccccat catcctcatc ccaagatgag      240
gagttgctga tgccaccga cgccctcagc gacacagact tcagtcttgc gaggacagcc      300
tcatagagaa tgagattcac cagtaagggg agggaggggc cctggaggcc acatcctgcc      360
ccacccacc cccactccca cngacactaa aacgctaata atttattana tctaaagccc      420
cttctnccca gccctgctt tcattaaggt atttaaactt gggggtttca ctgctctccc      480
cccatgatgg aaggagggag ccccccaacc tcagttagga nagccccgag ccggccccgg      540
ggcaaagagg ggtgcagagg gagttcccca natcaagtc cccaaccctt cccactagta      600
catgaccagg anagggttaa tgataccaac aagagtctg gtgcacctg tgccgggtgg      660
tgagacctg gggggcangt ggatctgggg ctgaccccc ctcggttttt tcaaccacat      720
ttctctggga tttgc      735

```

<210> 2722

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2722

```

tnnnntttt tnaaccagnn ttcnaatcct tggcgnnagg ctacttgctt tttttgcagg      60
atcccatcga ttgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt      120
tgaggtggta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac      180
ccccactgtt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct      240
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttgttt      300
gctaaatgaa ctaaaaatta tgagatttgc acctaaaggt actgaggtaa aggagagcca      360

```

aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctgggtgtg	gtgtgggggg	tgtgtgtgtg	nnnnnnnnnn	nnnnnnnnnn	nnngnnncnn	660
nnnnngnnnn	nnnnnnntnn	nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2723

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 2723

gagaggnntt	ttnagcctg	ctacttgctc	tttttgcnga	tcacgcgattc	gaattcggca	60
cgagaaatac	ctcaggaaaa	acgaggaggt	gaagtattgg	attcttctca	tgatgacata	120
aaacttgaaa	aaagtaatat	tttgctgctt	ggaccaactg	ggtcaggtaa	aactctgctg	180
gcacaaaccc	tanctaaatg	ccttgatgtc	ccttttgcta	tctgtgactg	tacaactttg	240
actcacgctg	gatatgtacg	cgaagatatt	gaatctgtga	ttgcaaaaact	actccaagat	300
gccaatata	atgtggaaaa	agcacaacaa	ggaattgtct	ttctggatga	agtagataag	360
attggcagtg	tgccaggcat	tcacaaatta	cgggatgtan	gtggagaagg	cgttcatcaa	420
ggcttattaa	aactacttga	aggcacaata	gtcaatgttc	cagaaaagaa	ttcccgaaag	480
ctccgtggag	aaacagttca	agttgataca	acanacatac	tgtttggtgc	atctggtgct	540
ttcaatgggt	tacacagaat	catcancagg	aggaaaaatg	aaaagtatct	ttggatttgg	600
aacaccatct	aatctgggga	aaaggcagaa	gggctgcagc	ttgctgnaga	ccttgnttaa	660
tcnaaagtgg	ggaatccaat	acttacccaa	gacattgaan	aaaaagatcg	ggtntgcgtc	720
atgtggaaac	cngagatctg	attgagtttg	g			751

<210> 2724

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 2724

gngagnnnnn	tttanaanat	caggctactt	gttctttttg	caggatccct	cgattcgtaa	60
gtgggctaag	accagaagag	agacttatct	gcttaagtag	aaacatgtgc	cttttattaa	120
ctgcagtcct	gcatttttatc	catggaatga	cagaccctgt	attaatgtct	ctcagtcct	180
ctcatgtgtc	atcttttctgt	agacattttc	ctgtgtctgt	tgtctctgct	tgccgtgtta	240
ttcttctctgt	cttactcagt	tatgttcttt	ggcatcacta	tgcactaaat	acatggttgt	300
ttgcagttac	agcattttgt	gtggaactgt	gcttaaaagt	nattgtttct	ctcactgnnt	360
atacgttatt	catgattgat	ggctactata	atgtcctctg	ggaaaagctt	gacgattatg	420
tctactacgt	tcgttcaaca	ggcagtatta	ttgaatttat	atttgaggtt	gtaatggttg	480
gaaatggggc	ttacactatg	atgtttgagt	cggaagtaa	aattcgggct	tttatgatgt	540
gcctacatgc	atatttttaac	atctacttac	aagccaaaaa	tggctggaag	acattttatga	600
atcgtaggac	tgctgtgaag	aaaattaatt	cacttcctgn	aataaaaagg	agcccgctta	660
caagaaataa	atgaaggat	gtgcaatctg	ctatcatgag	tttacaacat	ctgctcgtat	720
tacaccgtgt	aatcattatt	tccatgccc				749

<210> 2725
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 2725

gagnnnnttt	taataacagc	tacttgttct	ttttgcggt	ccctcgattc	gaattcggca	60
cgagcgtgga	gagaatactc	agaaatgaac	ctctttaaag	ccttgcagga	atgagtcact	120
cttacttaat	gaaatgttaa	agccaattaa	aaagcatgct	gtgatgccca	gcttcccttt	180
ccacaggggtg	catgcgtctc	ctgctgggtga	atcacatgcg	gcaagaggca	actggctcca	240
cagcctggga	tgctgccgta	ccaagaggaa	agaagcagca	aaatgccttt	acgttggtct	300
aaacccccga	cgcataaagt	gtagaggagg	gatggccaag	ggtgggtggg	tagaaagtgt	360
gttcaggctg	acactggcaa	tgagtacaga	taatttcact	ttcctcttca	ggggcaaagg	420
ctgatggcct	ctacctttgt	atccaggaga	aactgcagag	cagccctgtg	actttacaaa	480
atatgctacc	tcaaagtgtc	accogataaa	ccttttcta	tgtaagtgcc	cttactaagg	540
gcacatgtct	taatcaaagt	tagttttttg	ttttctgggt	tgnttttttt	ttttgnatat	600
tgatgaatga	gatcttacct	attaaatata	ttattggatt	atgggtcctg	aaggtcatta	660
aaagtttgag	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtttatgac	ttaaatactc	720
ttacgtgnng	tttttaaaac	ttgggt				746

<210> 2726
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (967)
 <223> n = A,T,C or G

<400> 2726

agtanggcgn	ttcctaattn	annnggctaa	gcgactttna	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nmaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgnnacacan	gmnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgnnactggg	tgccatcnac	nnngtatatt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatncctana	480
antnncttga	gngggatgaa	ccetaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnmctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggann	naattgtnc	tggnatagt	tctcacaant	natnttnaag	gggnmaagn	720
atnngngngg	nccntntatg	nggcnngeca	annaangggg	tcgnggttaa	natattccaa	780
gntaacanan	gnacnatgg	accnatccct	ntnngaagna	aggaactncc	tgnnccgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatnct	gggacnggtt	aacnnanatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2727
 <211> 967

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2727

agtangggcgn	ttcctaattnn	annnggctaa	gcgacttttna	aagangagggc	tnngcgtgntg	60
aataccggnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntcttttac	ccccnannn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgnnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgnnactggg	tgccatcnac	nnngtatattt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatncctana	480
antnncttga	gngggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctnttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggann	naattgtnc	tggnnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	nccntntatg	nggcnngcc	annaangggg	tcgnggttaa	natattccaa	780
gntaacanan	gnacnatggn	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatncnt	gggacnggtt	aacnnaatt	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2728
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 2728

gagagnnntt	tntaatnnca	gctcttggtc	tttttgcggt	ccctcgttcg	agaaaatgaa	60
gatgaacaga	atagtccgcc	aaaaaagggt	aaaagaggcc	gaccaccaa	acctcttgggt	120
ggaggtacac	caaaagaaga	gccacaatg	aaaacttcta	aaaaaggaag	caaaaaaaaa	180
tctggacctc	cagcaccaga	ggaggaggaa	gaagaagaaa	gacaaagtgg	aaatacggaa	240
cagaagtcca	aaagcaaaca	gcaccgagtg	tcaaggagag	cacagcagag	agcagaatct	300
cctgaatcta	gtgcaattga	atccacacag	tccacaccac	agaaaggacg	aggaagacca	360
tcaaaaacgc	catcaccatc	acaaccaaaa	aaaaatgtcc	cgtgtaggac	gctccaaaca	420
agcagctact	aaggaaaatg	attcaagtga	agaagtagat	gtgtttcaag	ggtagctctc	480
ctgtcgatga	tattccacag	gaagaaacag	aggaggaggga	agtttctaca	gtaaatgtac	540
ggcggcgaag	tgctaaaagg	gaacggcgat	gaacaaatgt	aattaataac	tttctctgtg	600
aaagctttgg	aaaaatcttt	tttttttttt	ggtcaagctt	gagcttgata	aagcctttga	660
tgcacaaaat	gggctgctga	aaatggacag	ttggnccttac	tttggtgccc	ctactttgtg	720
gcacatcttt	accatcac					738

<210> 2729
 <211> 747
 <212> DNA
 <213> Homo sapiens

tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgctgatcat	180
nnaacctnnn	gtccaacagg	gcggnncngt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnncncg	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttngcnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tggtcatgttc	360
atntcnnctg	gntntcncn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nntnnnatnt	tgactcatac	cggtgctgat	tncaaggcnt	480
gagccaccac	tcctggccaa	ngnngcgttg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctccn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnggcgt	tgancntcat	ttncctgcnt	660
tcctganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngatactanc	c					731

<210> 2732

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2732

tgnnnttttn	nagtcaancc	ttggaaatcc	ttggctctng	ccgctntctg	caggatccca	60
tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgctgatcat	180
nnaacctnnn	gtccaacagg	gcggnncngt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnncncg	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttngcnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tggtcatgttc	360
atntcnnctg	gntntcncn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nntnnnatnt	tgactcatac	cggtgctgat	tncaaggcnt	480
gagccaccac	tcctggccaa	ngnngcgttg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctccn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnggcgt	tgancntcat	ttncctgcnt	660
tcctganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngatactanc	c					731

<210> 2733

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2733

ccttnccctg	aaagccncaa	gctacttgnt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagat	tcccatctgc	ttttacttcg	ggtgagcaga	gggggatgtg	tgtgtgcgtg	120
tgtgtcagtc	tgtttgtgag	tgtgttaaag	gctacagacc	acagttgggt	taaaatgctt	180
ggaacttccc	aaactggctt	tactttatgt	ttatacagtg	ctcaggggta	acgcagtaca	240
tccatgccat	tgctgtggga	ggtatccccg	gatgcatgtg	ttttgagtct	ataaatatag	300
aaaatatata	ttggtttctt	tttccaactt	aatagggtcta	ttaaagcatg	aaatgaaagg	360
ttgcatatca	tgcattcagg	ntattacctt	atttttgnnc	tgacagtgca	tgncnttgga	420


```

agcatgctga aacaccgatt aacacaggag tcgngtaaca cngagaaaca tttgatanat      480
gtacagcatt ggctattgca ttcctatagt gtatataccn ggggtattgct tcaaaccctg      540
cngaccncta ttttcccntc tncnnccctt gtgttctttg gtcaaacnta atnnannaca      600
tncatttgcg nttgngtttn naaactttan anntcntnga tngtgnannt anacnangta      660
actttttacc taaanggtgt ngcctgnccc caaaattgcc attatngggg cncntatatt      720
ccncnantnt ananttgttc ncacattncg

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<210> 2734

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 2734

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anttgaanct ttctaattgct tggcnntgca ggatcccatc gattcgaatt cggcacgagg      60
gcacaaggac cctcctgcca acctgtttga agacatggac ctcaacaagg atggcgagggt      120
ccctccggag gagttctcca ccttcatcaa ggctcaagtg agtgagggca aaggacgcct      180
catgcctggg caggaccctg agaaaaccat aggagacatg ttccagaacc aggaccgcaa      240
ccaggacggc aagatcacag tcgacgagct caagctgaag tcagatgagg acgaggagcg      300
gggtccacgag gagctctgag gggcagggag cctggccagg cctgagacac agaggcccac      360
tgcgaggggg acagtggcgg tgggactgac ctgctgacag tcacctccc tctgctggga      420
tgaggtccag gagccaacta aaacaatggc agaggagaca tctctggtgt tcccaccacc      480
ctagatgaaa atccacagca cagacctcta ccgtgtttct cttccatccc taaaccactt      540
ccttaaaatg tttggatttg caaagccaat ttggggcctg tggagcctgg ggttggatag      600
ggccatggct ggtcccccac catacctccc ttcacatcac ttgacacagc tgagctttgt      660
tatccatctt cccaaacttt ctctttcttt gtacttcttg tcatcccccac tc          712

```

<210> 2735

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2735

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nttaanctt nanannngtt ntttttgca gateccatcg attcgaattc ggcacgaggg      60
cangggactt nctgtaacaa tgcattctcat atttggaatg acccagtcct ctcccaagtc      120
cacacagggg aggtgatagc attgctttcg tgtaaattat gtaatgcaaa atttttttaa      180
tcttcgcctt aatactttat tattnngtnn tattttgaat gatgagcctt cgtgcccccc      240
cttnccctt ttttgcccc caacttgaga tgtatgaagg cttttggtct ccctgggagt      300
gggtggaggc agccagggtt tacctgtaca ctgacttgag accagttgaa taaaagtgca      360
caccttaaaa aanaatgcat anaaaaaact cgagcctcta gaactatagt gagtcgtatt      420
acgtagatcc agacatgata agatncatng atgagtttgg acaaaccaca actagaatgc      480
agtgaaaaaa atgctttatt tgtgaaatgt gtgatgctat tgctttattt gtaaccatta      540
taagctgcaa taaacaagtt aacaacanca attgcattca ttttatgttt caggttcagg      600
gggaggtgtg ggaggttttt taattcgngg ccgnggcgcc aatgcatngn gcccggtacc      660
cagcttttgg tccctttant gagggttaat ngcgcgcttg gcgtaatcat          710

```

<210> 2736

<211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 2736

tctaatacng nnttttnantt ncnaatcgcn aggctacttg ttcttttttgc aggatecccat	60
cgattcgaat tcggcacgag aaagaactgt ctcacgcaac cattgattct aaaactggcg	120
atttagggga catcaatgct gagcagcttc ctggggaggga acatcttaat gaacctggta	180
ctagagaagg acagactcgt ctaatcagag atggggagaa agtcgaagcc tatcagtggga	240
gtgttagtga agggaggttg ataaaaattg gtgatgttgt tggctcatct ggtgctaatac	300
agcaaacatc tggaaaagt ttatatgaag ggaaagaatt tgattatgtt ttctcaattg	360
atgtcaatga aggtggacca tcatataaat tgccatataa taccagtgat gacccttgggt	420
taactgcata caacttctta cagaagaatg atttgaatcc tatgtttctg gatcaagtag	480
ctaaatttat tattgataac acaaaaaggtc aaatgttggg acttgggaat cccacttttc	540
agatccattt acaggtggtg gtcggtatgt tccgggctct tcgggatctt ctaacacact	600
acccacagca gatcctttta caggtgctgg tcgttatgta ccaggttctg caagtatggg	660
aactccatgg ccggagttga tccattacag ggaatagtgc ctaccgatca ctgn	714

<210> 2737
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 2737

aatntttgct ctcgttcttt ttgcaggatc cctcgattcg aattcggcac gaggcctatct	60
gaacacagtg gaaagatggg accctcaggc tcgccagtgg aattttgttg ccactatgtc	120
tacccttagg agtacagtan gtgtggcagt actaagtga aaactttatg canttggtgg	180
tcgtgatgga agttcttgtc tcaaatcagt anaatgttt gatcctcata ctaataagt	240
gacactgtgt gcacagatgt caaaaaggan aggtggcgta ggagtgacga cctgnaatgg	300
actgctgtat gctatagggg ggacagatgc tcccgcatcc aacttgactt ccagactctc	360
agactgtgtg gaaagatatg atccccaaac agacatgtgg actgcagtag catccatgag	420
catcagcaga natgcagtgg gggctctgtt acttgggtgat aagttatatg ctgntggggg	480
gtatgatgga caggcatacc ttaatactgt ggaggcttat gatccccaga caaatgagt	540
gaccaggtta ttttcacata cttttgagga cagcaaagat cacctgggtg ccatcaagca	600
naccatctgg aggcaaaact ctttatctga ggaattcaga agtcattaga ctgccctatt	660
atctaaagcc cggcatcttg tactaggctt ctttaccaaa aatgtat	707

<210> 2738
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 2738

ctttaaatct	caagctcttg	ttctttttgc	aggatcccat	cgattcgga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatacat	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaacct	tggtcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aaatgcagt	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcttg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttcacacgc	aagtcacacg	ttaagtccta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgatcatgtc	600
catgggcctt	tggctccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacccttcc	acaata		706

<210> 2739

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2739

tnaatnnttg	ctctngttct	ttttgcagga	tcctctgatt	cggtgggtggc	acataacctgt	60
aatcccagct	actcgggagg	ctgaaacagg	agaattgctt	gaacctggga	ggtagctgtt	120
gcagtgagaa	agattggtac	cattgcactg	cggtctgggc	cacagagcga	gacttccatc	180
tcaaaaaata	aataaaatag	ggatgggggtc	tactgtgtt	gaccaggctg	gtcttgaact	240
aatgtccnca	nntaggectn	ccatatcanc	ttnnannggc	tatncattac	aggntcntgt	300
ccacatgcna	ngncnctatt	acnaactgca	tcatnntttg	caccccatat	ntatganccg	360
natttttaatt	ttncancaat	ntctnataac	attgnngatc	tgnatanann	ctatnttgc	420
gctnacaaat	ctgaatcatc	ntttccanan	catnttggac	acacatcact	taattnaaca	480
atttaatgca	netatttngc	tatnctcctn	atttgttntc	tctnccaca	ntatgttctt	540
atgaanncat	ctatttttnc	attnngaana	aaancacnta	ttgnntgnnt	atgtannngt	600
atatacntnn	tcaataccgn	ctactttttn	ntaaacctt	tccnttgnat	anttantntn	660
atgttnncac	acttacgggt	cnntccatta	attntcctac	atgnnaantt	ttacntatnt	720
cattagatana	ctttatnnta	attaattntt	cc			752

<210> 2740

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2740

tcaatnngg	ctctngttct	ntttgcagga	tcctctgatt	cgaattcggc	acgaggctgg	60
acttggcaat	ggtggtcttg	ggagacttgc	tgctgcttc	ttggattcca	tggcaacctt	120
gggacttgca	gcctatggat	acggcattcg	gtatgaatat	gggattttca	atcagaagat	180
ccgagatgga	tggcaggtag	aagaagcaga	tgattggctc	agatatggaa	acccttggga	240
gaagtccgc	ccagaattca	tgctgcctgt	gcacttctat	ggaaaagtag	aacacaccaa	300
caccgggacc	aagtggattg	acactcaagt	attcagagtg	ctcgtatagc	cagcgttttg	360

tatagtat	ttt	agtacagtag	ataatacatt	gactatgtag	catatagtg	tgatattgag	420
tatagggc	at	gtcgtgtttt	gaataataga	atatattttt	gtaaataaat	ctgttacttc	480
tcttagcg	ca	gcccagtc	cat	tttggagaca	aaggagctga	ggccaagaga	540
ttataagg	gt	catttttg	caa	ccagctttgt	cagaaaattg	tcagttcttt	600
tttttgcc	ag	aaaattgt	ca	gttctatagt	aaccagcatg	cttacctctt	660
ttaagggt	gtt	gatagcaaaa	ttgaatattt	gaaaatgtca	tttc		704

<210> 2741

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2741

tnchnaang	gn	tn	gn	antcnc	ctctnngn	ag	gancccntcg	attcgaattc	ggcacgaggt	60
caagcctgt	a	atcccaac	ac	tttgggt	tnna	ccgaggtggg	ggtatctgat	tgagcctnng		120
aggtcgag	at	cagcctgg	ga	aacacagg	ga	ggccccatc	gctacaaaat	attttaaaaa		180
ttagccagg	t	gtggtggc	tt	gtgcttgt	t	nccggctac	ttgggaggct	gaagtgggag		240
ggtggcttg	a	gtncagg	agt	t	cactgcact	gagctgtgat	cacaccactg	cactccagcc		300
tggacgac	ag	agt	gagacgt	ccatctcaa	aaaaaaaata	aaaaactcga	gcctttanaa			360
ctatagtga	g	tcgtattac	g	tagatccaga	c	ntgataang	atacattgat	gagtttggac		420
aaaccaca	ac	tagaatgc	ag	tn	gaaaaaaa	tgctttattt	gtgaaatttg	tgatgctntt		480
gctttat	tttg	tanccatt	at	nagctgc	nat	aancaagttt	aacaacnaac	aattgcatnc		540
attttat	gtt	tcangttc	aa	gn	gggaggtt	ctgg	nnaagn	ttttttnatt	tnnccggcng	600
ctggcgcc	at	tggcattg	gn	ccccg	tncc	ccaaaactttt	ngtccccctt	ttatctggan		660
gggggt	tt	aat	ttg	ntccct	t	tnnggcgat	tatcatgggn	caatagcatg	ntcttncctg	720
ngggng	gaaa	attngt	ttat	tccnt	tncaa	cnn				753

<210> 2742

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2742

tcaatacn	ag	ctntngnt	ct	ntttgc	cagga	tcccatcg	at	tcgaattc	cg	cacgagca	ag	60
aagagtt	tttc	tgttcag	ttt	ggaaca	agat	tttgaga	aga	catttagg	at	gtactagt	ttt	120
gagtttt	ta	atgtata	ttt	gagata	tttt	ctcaact	tttc	tctttggg	tc	tgtagcta	aaa	180
atatgc	agta	taatgt	tttta	tttatt	ttatt	ttttaag	aga	tgggggtc	tag	ctattttg	cc	240
caggcag	act	caaattc	cctg	ggctca	agtg	atcctctg	cc	ttggcctc	cct	gagtagct	gg	300
gacttac	aga	catgtgc	ccac	caaacc	tagt	ggctata	taa	tttttaaaa		tattcttag	g	360
atatct	tttac	atacttt	ttct	t	aaaaaaaa	aagtta	aacct	ttgtag	ttct	gtacct	ttca	420
gtagtct	gca	aatttt	ctac	caaaaaaa	at	cccaaga	aatt	tatttg	gggaa	ttattaaa	aaa	480
ggcaaaca	aat	gaatgt	tatt	aggaca	agaa	tatagc	agtc	aggagg	ccat	gactaca	tca	540
cagccagg	cg	gcattcc	cctg	ccacag	tggc	ggcttga	atc	atcaaga	aat	ggataa	atgg	600
ggcttt	tagta	aatcag	gctt	gcagg	ctcaa	agctg	caatc	tgccca	ctct	caggtct	gag	660
actttgt	ggg	cctcag	acac	cagga	agaaa	gttggg	gatac	an				702

<210> 2743
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2743
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 gccaggatgg tcttcaactt ctaacttcgt gatccacgct gctgggatta cagggtgtgag 120
 ccaccgcgtg tggcctctgg gcaccttttg aagctgaagc agagagagaa ggcggcaggc 180
 atcagcggtt tcttctatga acttataaga tcaaagactt taagactttc actatttctt 240
 ctaccgctat ctactacgaa cttcaaagag gaaccaggag tacggaagga gcatgaaagt 300
 ggacaaggaa cgtgaccatt gaagcaccac agggaggggt tcaggcctcc ggatgactgc 360
 aggcaggcct gggtaacatc cagcctccca caagaagctg gtggagcaga gcgttccctg 420
 actcctccaa ggaaaaggaga ctccctttcc cggctctgctc agtaacgggt gccttcccag 480
 aactggcgt taccgcttga ccaaggggcc ctcaagcggc ccttatgcgg gcatgacaga 540
 aggtccccc ctgtccttct attcacttct cacaatgtcc cttcagcacc tgaccctata 600
 cctgccggtt attcctaggt tatattatta atgcaacaga gtaatattaa aagctaataa 660
 ttaataatgt ttataataat gatggataat tggtcatgat catcgctgg 709

<210> 2744
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2744
 cagctcttgt tcttttttgca ggatcccatc gattcgttga gacggagttt caccatgttg 60
 gccaggatgg tcttcaactt ctaacttcgt gatccacgct gctgggatta cagggtgtgag 120
 ccaccgcgtg tggcctctgg gcaccttttg aagctgaagc agagagagaa ggcggcaggc 180
 atcagcggtt tcttctatga acttataaga tcaaagactt taagactttc actatttctt 240
 ctaccgctat ctactacgaa cttcaaagag gaaccaggag tacggaagga gcatgaaagt 300
 ggacaaggaa cgtgaccatt gaagcaccac agggaggggt tcaggcctcc ggatgactgc 360
 aggcaggcct gggtaacatc cagcctccca caagaagctg gtggagcaga gcgttccctg 420
 actcctccaa ggaaaaggaga ctccctttcc cggctctgctc agtaacgggt gccttcccag 480
 aactggcgt taccgcttga ccaaggggcc ctcaagcggc ccttatgcgg gcatgacaga 540
 aggtccccc ctgtccttct attcacttct cacaatgtcc cttcagcacc tgaccctata 600
 cctgccggtt attcctaggt tatattatta atgcaacaga gtaatattaa aagctaataa 660
 ttaataatgt ttataataat gatggataat tggtcatgat catcgctgg 709

<210> 2745
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (727)
 <223> n = A,T,C or G

<400> 2745
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 cagagatgat agcacttcat tgactgccaa agaggatgtc agcataccca gatccacatt 120
 aggagacttg gacacagttg cagggtctga aaaagaactg agtaatgcca aagaggaaact 180
 tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat 240
 gatagctgtg caggaagaag agctgcaggt gcaggtctgt gatatggagt ctctgaccag 300
 gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 360
 agacatacca gctatggaac gcctgaccca ggaagtctta cttcttcggg aaaaagttgc 420

ttcagtagaa	tcccagggtc	aagaaatttc	aggaaaccga	agacaacagt	tgctgctgat	480
gctagaagga	ctagtagatg	aacggagtcg	gctcaatgag	gccttacaag	cagagagaca	540
gctctatagc	agtctggtga	agttccatgc	ccatccagag	agctctgaga	gagaccgaac	600
tctgcagggtg	gaactggaag	gggctcaagt	gttacgcagt	cggctagaag	aagttcttgg	660
aagaacttgg	agcgcttaaa	caggctggag	accctggccg	ccattggang	tnnggggaact	720
ggaaagt						727

<210> 2746

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2746

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gcacgaggtt	gctgtcactt	ggattttctag	ctttgggagc	ctgttccacc	tactcagctc	120
tgcatgagc	agtatgggca	catgccctgt	ggacagttac	tggaagttaa	tgaactcaga	180
ggagaaaaagc	agtgaaccac	ttgttctgtg	tgattttatgg	tacttcattg	ctcttccttc	240
acctctagtc	acttttctatt	gctacctgcc	ctacattggc	tcctgccaag	gtccctctct	300
ctccctgttt	tccttttttt	ttttttttga	gacggaggac	ggagtcttgc	tctgtcgccc	360
aggttggagt	gcagtggcgc	gatctcggtc	cactgcaacc	tccacctccc	gggttcaagc	420
gattctcctg	cctcagcctc	ccgagtagct	gggactacag	gcgcgcgcgc	ccacgcccgc	480
ctaattttta	tatttttagt	agagacgggg	tttcaccatg	ctggccaggc	tggtctcgaa	540
ccccgacctc	gtgatccgcc	tccttagcct	cccaatcctc	tcttaaaaaa	gtgatagctc	600
agaaatattt	gtaaaagcaa	ggtttttatt	tcattttggc	tctgcatttt	cagaggcaaa	660
gaagtttggc	ctgtaaaata	gagtgcctaga	gctcttacc	cctccc		706

<210> 2747

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 2747

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tgtgttgggg	ctgctgagag	ggtttcgttt	acaagtgacc	ttgagtgtat	ttcatctctg	180
gaatgcatgg	tccttgcgct	caagctacac	aatctgatta	gtgaagtatt	actaatacac	240
tagaaaaata	tacatagtaa	ttaccaaagt	actgacacaa	ttttataggg	ggttcanaga	300
aacatctgtg	aatgggtaat	aatgaaaaaa	gaaaagnttt	tctctttgtt	ntagtctgac	360
ccttttaaca	gtctctattc	ataatgtgag	gaaatcgcta	caaaaactga	aatattgtan	420
atactgttca	ttngcatatg	gaaatacttg	tatgctgtgt	gttgttcttt	catgggacaa	480
actctacccc	tnctctntnc	acacacatat	anccaagcta	taagttagcc	tanccttgcg	540
cataggaagt	tgctggcttt	tttantgaga	agtcaaagaa	cctggcttgn	taaaagtctt	600
tataagaaan	naananttnc	tttnnnntta	nnntnnncnn	atgntnnntn	annnnnnntt	660
nnnnntnacn	nnnanannnn	annanttunc	naancatatt	antgtnanan	annnnaatat	720
nnnanantnn	tttnnancnn	ngnntnnntn	nnnaannnnn	annntnnann	nnantntnan	780
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<210> 2748
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2748
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 atcccatcga ttogaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt 120
 tgagggtgga gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac 180
 cccactggt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct 240
 ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttggtt 300
 gctaaatgaa ctaaaaatta tgagatttgc acctaaagggt actgaggtaa aggagagcca 360
 aaagtggggg agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag 420
 cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg 480
 gatcaatgat gaaactagcc aaatctgagc atcagaaggc tttccggtct acctgatgca 540
 tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg 600
 tctggtgtgt gtgtgggggg tgtgtgtgtg nnnnnnnnnn nnnnnnnnnn nnnngnnncnn 660
 nnnnnngnnn nnnnnntnnn nnnnnngnnn nnnnnnnnnn nnnnnnnnnn nnnnnnc 716

<210> 2749
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 2749
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 tgagggtgga gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac 180
 cccactggt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct 240
 ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttggtt 300
 gctaaatgaa ctaaaaatta tgagatttgc acctaaagggt actgaggtaa aggagagcca 360
 aaagtggggg agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag 420
 cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg 480
 gatcaatgat gaaactagcc aaatctgagc atcanaaggc tttccggtct acctgatgca 540
 tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg 600
 tctggtgtgt gtgtgggggg tgtgtgtgtg tntnntnann cncgtnnntn nnancnnann 660
 nttncnannt ntgattncnn ttnntctnan nnnnttnnnn tnnntcttna atnnncac 718

<210> 2750
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)

<223> n = A,T,C or G

<400> 2750

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tgaggtggta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactgtt	gagcctttca	aatgaagtc	tcagtataatt	tacaaattaa	tggacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaggt	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aatctgagc	atcanaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntnntnann	cncgtnnntn	nnancnnann	660
nttncnannt	ntgattncnn	ttntctnan	nnnntnnnn	tnnttcttna	atnnncac	718

<210> 2751

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2751

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aactcaggac	agtatgtatt	ttaaaggagc	aagtgcattg	gtgaaaatgg	ctcattcagt	180
ttataaaaata	ttacattaaa	tttgagggtt	ctgttttttt	tcttttgtga	cagtcttgct	240
ctgttcccca	tgctgtagtg	cagtggcacc	agttcacctc	actgtaactt	ccacatcctg	300
gtttcaagca	atgtgtgcct	cagcctccca	agtagctggg	attacagtca	tgccaccatg	360
tccagataat	ttttatattt	ttttgtagag	atgggtgttt	accatgtttg	ccaggctgat	420
ctcaagctcc	tggcctcaag	tgatttgcca	ccttggcctc	acacgttgct	gagattacag	480
gcatgagcca	ccacacctgg	ccaatggggc	gtttcttaaa	atagctacta	gactatgacg	540
tttatectaa	ggtttgaagt	ctatcatctt	ccttacatat	ccttcattgt	ggtatctggg	600
aatgaatcaa	caagatgaga	gagccttctt	cattcagtg	ggctccttca	tttccatgct	660
tctgaagat	taaggncact	gaatttaaaa	ttcaatattc	tgtgagttac	acaccatgga	720
gtaacn						726

<210> 2752

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2752

cntnnctttg	aanttgnaaa	tnngctnggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcac	tctgtcaccc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatcccg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccgc	cagtttctgc	ttttattaaa	attgttcaca	240

gttttataca	ttcatgttca	ttaaaaaatgc	tatttagaaa	agagtttcat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctgttt	cagtcacaaa	ttaggggttat	360
tgtgatgtgt	atttatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttggccctc	540
aagccaacat	tcatttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggta	600
actgctaata	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaataca	660
acttggtctac	gtataattgt	gggggttttaa	ttttctgggt	ttaaaanaaa		710

<210> 2753

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2753

tnnncttcaa	atcgntngct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagagatta	tgagcatgta	gaagatgaaa	cttttctctc	tttcccacct	ccagcctctc	120
cagagagaca	agatggtgaa	ggaactgagc	ctgatgaaga	gtcaggaaat	ggagcacctg	180
ttcctgtacc	tccaaagaga	acagttaaaa	gaaatatacc	caagctggat	gctcagagat	240
taatttcaga	gagaggactt	ccagccttaa	ggcatgtatt	tgataaggca	aaattcaaag	300
gtaaagggtca	tgaggctgaa	gacttgaaga	tgctaatacag	acacatggag	cactgggcac	360
ataggctatt	ccctaaactg	cagtttgagg	atatttattga	cagagttgaa	tacctgggaa	420
gtaaaaagga	agttcagacc	tgtttaaaac	gaattcgact	tgatctccct	atttttacatg	480
aagattttgt	tagcaataat	gatgaagttg	cggagaataa	tgaacatgat	gtcacttcta	540
ctgaattaga	tccctttctg	acaaacttat	ctgaaagtga	gatgtttgct	tctgagttaa	600
gtagaagcct	aacagaagag	caacaacaaa	gaaattgaga	gaaataaaca	ctggccttgg	660
aaagaaggca	ggcaaagctg	ctgagtaata	gtcagaccct	aggaaatgat		710

<210> 2754

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 2754

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atcgattcga	attcggaacg	agcttacttt	gatcctcgtg	aggcataccc	agatggaagt	120
agcaaagaaa	agagaagagc	agcaattgcc	caggccttag	ctggcgaagt	cagtgtgggtg	180
cctccatctc	gtctcatggc	attgctggga	caggcactga	agtggcagca	gcacagggga	240
ttgcttctct	ctgggtatgac	catagatttg	tttcgaggca	aggcagctgt	caaagatgtg	300
gaagaagaaa	agtttcttac	acaactgagc	aggcatatta	agtttgggtca	gaaatcacat	360
gtggagtgtg	ctcgattttc	tccagatggg	cagtatttgg	tactgggttc	tgttgatgga	420
ttcattgaag	tatggaactt	tactactgga	aaaatcagaa	aggatcttaa	gtaccaggcc	480
caagataact	ttatgatgat	ggatgatgct	gtcctctgca	tgtgtttcag	canagatata	540
gaaatgttag	caactggggc	ccaagatgga	aaaatcaagg	tgtggaagat	tcagagtggga	600
caatgtttta	ngagatttga	ganggcacac	agtaagggtg	tcacctgtct	aaacttttct	660
aaggatagca	gtcagatcct	taatgcttct	tttgaccaga	caattagaat	tcattgggtta	720

aaatctg

727

<210> 2755
 <211> 708
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 2755
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 agggcagacc atccacatca gtttcagaga aaaacaataa tcttgtttgt gccgtgatga 120
 agaggactga cagctaacag cagaaacaat agtcaggagg ttgagaacag gctgggttaac 180
 atgggtgaaat gccatctcta ttaaaaaatac aaaaatttagc taggtatggg cgcagacacc 240
 tgtaatccca gctccttggg aggctgaggt gggagaatcg cttgaaccca ggagggtggaa 300
 gttgcagtga accgatagtg ccattgcact ccagcctggg caacaagagt gaaacttttct 360
 ctcaaaaaaa aaaaaaaaaag atgtcaagcc ccttctcttc ctttctccac catcatgggtg 420
 tgtacttgac tctgcttctc accagatctt ctcataagac tatcaggatt aagcaattcc 480
 tggccaagaa aaaaagcaaa attgttccat tccccagtgg attcagatga aaactggtaa 540
 taaaatcagg tacaacttta aaaggagaca ttggagaaga accaatccgt gtctataagg 600
 aattgtcatg agatggcaca catttttatg ctgtctgagc attcaatcac gttaccatat 660
 caagcagaaa atgtcaccat tatctggaga gttggacatg ttttattg 708

<210> 2756
 <211> 730
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2756
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 tcgaattcgg cagcagocca cactcggaca ctgtggaatt ctaccagcgc ctgtcgaccg 120
 agacactctt cttcatcttc tactatctgg agggcactaa ggcacagtat ctggcagcca 180
 aggccctaaa gaagcagtca tggcgattcc acaccaagta catgatgtgg ttccagaggc 240
 acgaggagcc caagaccatc actgacgagt ttgagcaggg cacctacatc tactttgact 300
 acgagaagtg gggccagcgg aagaaggaag gcttcacctt tgagtaccgc tacctggagg 360
 accgggacct ccagtgcac cggccccctnc ctctaccac ccccttcccc cgcattgctga 420
 tccccctgcc caggttaaggg ccctgccctg gaagactgga gggaggcccc aagccacggg 480
 gcatccccct ctcccaggaa gcagggaggg ggccgggagg ttttctctc aagccccacc 540
 ctgggggccc gggggcgagg gctgccccct cctccccctc ccagtgaggg acattttttg 600
 gtaaaacctt ttttcatttt ggaaaatatt tatgaataaa tagttttata tgaaaaaaat 660
 tntngnnntt nnnatnnan aataaaaancn tcgnncctct taaaactata gtgaagtcgt 720
 attaccttag 730

<210> 2757
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2757

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caagagaacg	cggtcagaag	gaggtggaac	tggggagtcc	tctcagggag	ggacaagcaa	120
aagactcaaa	gtagatggac	agaaaaactg	ctgtgaggag	gggaaagagg	agcagcaggg	180
atgtgcaggg	gacggtgggg	aagacagggg	agaagagatg	gttatagagg	ttggagagat	240
ggtgcaggac	tgggccatgc	agagccctgg	gcagccaggg	gacctgcccc	tgaccactgg	300
aaagcatgga	gccccctggag	aagaggggca	gcccagccac	gcagccctgg	cagagcgggg	360
gcccgaaggga	catgaggcag	cccaagaatg	gtctcagggg	gaggcagggg	agggggcatc	420
cctgccctcc	tcagcgagct	ggcgctgtgc	cttgtggcac	cgagtgtggc	aagggcgggc	480
gcgagcccgt	agacgcttgc	agcagcaaac	caaggaggga	gctggagggtg	gcgctggcac	540
aagagcangg	tggctggcga	ctgaagctca	ggtcacccan	gagctgaaag	gactgaatgg	600
tggccaaaga	aaggcccaga	aactgagccc	ctgctgaact	tttgtggccg	tcttgtcttc	660
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<210> 2758
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2758

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acgagccaga	gctggcagaa	gaaaaacagta	aagcttagag	tagaaataaa	tgaaataaag	120
aacagaaaaa	tatagaaaat	caaaaaatacc	aaaagttggc	tctttgaaaa	gatcaacaaa	180
attgccaaacc	cttttaagta	gacaagaaaag	aatgaattgt	tgggtggtgca	gtggtgagca	240
tagctgcttt	tcaagaacaa	aaaagactca	aatgactaaa	atcaagaatg	atcaagaatg	300
agagagtaga	cattactaca	gatcttacag	aaatgaaagg	attattaatg	agtactgtga	360
acagttgcat	gccaaacaaat	agtctaagtg	aactagacaa	atatctagaa	agacacaaaa	420
caaccaaaaac	cgaatcaaga	aaaaaatata	aaatctgaat	acacgtataa	caagtaaaga	480
gattaaattg	gtaccacaaa	gaaaaactgt	caccaaggta	aagtccagac	ccagatggct	540
tttttgggtga	attccaccaa	atgttttaagg	gagaattaac	accaaatacta	aaactaaacc	600
agacagagac	attgcaagaa	aaccacagac	caatatccct	tatgaatata	gatataaaaat	660
cctcaacaaa	gtactagcaa	atcaagtcca	tgaacatata	caattctatt	ttactt	716

<210> 2759
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2759

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ggcacgaggg	gtgcagtggt	tcactcctat	aatcccagca	ttttggaagt	cctatgcagg	120

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aggattgccaggagccagga atttgagatc agcctggggca acatagtga actctcatct 180
ttataaaaag taatattaaa atttttaaaa gtgtataaac tgtaaagtat attttactgg 240
tgttttcttc cttattccta cttgtcagat gcaaatacac attttttgtgt gtttgtgttt 300
agtaattata agtatacata tttcttctat ttcataatatt tctatgacat tatactcttag 360
atgtgttaatt tatgaactac tactggatta ttttaatcca ttagaaatta ctattcacgc 420
attctgtatt caattcatgt gatagctaat atatttggtt ttaaatagcatt ctatttttgt 480
ggttttcttc taggctgttt tttgtgcttt cttttaaaaa tatatagggtt ttaataatct 540
taattttctt ttagtttgaa atgtatatac tcatttttatt cattagtcta agataaagaa 600
ttgtaacact tctctaacct attatanaat tgntaatacc tttacccttc tcttgaacac 660
atcaaaagga tgtcattgag tgttggtatt ggagtatago atatctatta ttctng 715

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<210> 2760

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2760

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gatatcatac aggaaagact ccctttgtat gtcctgaatg tgggcaaccc tgttcacaga 180
agtcaggact cattagacat cagaaaattc actcaggaga gaaaccctat aaatgcagtg 240
actgtgggaa agccttcctt acaaagacaa tgctcattgt acatcacaga actcacacgg 300
gagagagacc ctatggctgt gatgagtgtg agaaagctta cttctatatg tcttgcttg 360
ttaaacataa gagaatacac tcaagggaga aacgggggga ttcagtgaag gtggaaaatc 420
cttccacagc aagtcacagc ttaagtccta gtgaacatgt gcaggggaaa agccctgtta 480
atatggtaac tgtggcaatg gtggcagggc agtgtgagtt tgcccacatc ctgcattcat 540
gataaacagt ttgctgtttg atcatatagc ctncagcggg atgctgagtt tgtcatgtcc 600
catgggcctt tggctccctg cactaatatg tatagtaggg tttacaagat atgaaatata 660
ttttactttt ttatatctta taaacctcac tacccttcc acaata 706

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<210> 2761

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2761

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tnnnnnnttt ntaatcnngn nttnnctttg caaatcgana ngctacttgt tctttttgca 60
ggatcccatc gattcgaatt cggcacgaga tgggtgttttc acctggaagc tgagaagaaa 120
ggggctttta tggaacaaat agcacatcaa gctgttgtaa tgcagtttat tatggaaatg 180
gccaaaaact gtaatgtgga tccaagaggg tgttttcgtt tttttttcca gaaagccaaa 240
gcagaggaag aaggttatct tgaagcatte aaaaatgaac ttgaagcttt caagtcaaga 300
gtaagacttt attctcaatc acaaagtttt caacctatga cagttcagaa tcatgttccc 360
cattctggtg ttggatctat aggtttatta gaatccttac cacagaatcc agattatctt 420
cagtattcta tcagtacagc tctctgcagc ttaaactcgg tggtagataa agaagatgat 480
gaacccaaaa tgatggacac tgtataatct gggttaagact gctgaggcca agtgctatct 540
tggtacaaga aaggaagaac ttggctatct tcttgacact tttatgggtg ctgcacttta 600

```

tttttgtttg	gtttttggatg	ggagggaaaag	agtactgaaa	tgttttgtaa	atttttttta	660
atgtgctgct	aggttttttg	ttttgtttgg	tctgaagaga	agagtgggtcc	atatgttgca	720
ggaagt						726

<210> 2762

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2762

cntnncctttg	aantttgnaaa	tngctnggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcac	tctgtcaccc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatcccg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccgac	cagtttctgc	ttttattaaa	attgttcaca	240
gttttataca	ttcatgttca	ttaaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctgttt	cagtcacaaa	ttaggggttat	360
tgtgatgtgt	atztatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttggccctc	540
aagccaacat	tcatttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggta	600
actgctaata	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaataca	660
acttggctac	gtataattgt	ggggttttta	ttttctgggt	ttaaaaaaaa		710

<210> 2763

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2763

gnaaatnngc	tcnntgcn	ctncttgn	tttttgcagg	atcccatcga	ttcgttttga	60
cattgttaca	agtaagcagc	tttattgggt	cttttactta	cgtcttttaa	tatatggagc	120
aacagtacgg	tcagtctgca	tctcatgcta	actttttgtt	gggaatcata	accattccta	180
cggttgcaac	tggaatgttt	ttaggaggat	ttatcattaa	aaaattcaaa	ttgtctttag	240
ttggaattgc	caaattttca	tttcttactt	cgatgatata	cttcttgttt	caacttctat	300
atttccctct	aatctgcgaa	agcaaatcag	ttgccggcct	aaccttgacc	tatgatggaa	360
ataattcagt	ggcatctcat	gtagatgtac	cactttctta	ttgcaactca	nagtgcatt	420
gtgatgaaag	tcagtgggaa	ccagtctgtg	ggaacaatgg	aataacttac	ctgtcacctt	480
gtctagcagg	atgcaaatcc	tcaagtggta	ttaaaaagca	tacagtgtct	tataactgaa	540
gttgtgngna	agtnactggg	nctncaganc	ngaaaattac	tcancgcact	tggggtgaat	600
gccaagaga	taatacttgt	ccaanggaaa	tttttcatct	atgttggcag	ttcaggncct	660
aaaactcttn	ggctctctgg	acaaggagg	nccacattaa	tttggtnact	gtgaanatgg	720
ttcnnctga	attggnagg					740

<210> 2764

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 2764

anngttnatg aagcncctttg naannnccnn cnangagncc tccgatncgca atgaactact	60
ctgcagcctc atttttttaa aaatgagata ggtnagtgtg gatataaata actgtccaac	120
atatatagct gagtaacana aatagcnaac tagaaaacna tgtattatnc catntgtgct	180
gaaatatgna tgntgggtatg tgnaaatatg tatggntgtg tagacagatc tttntctaaa	240
ttttttcatt nntaattnnm gtgggtacat actangtata tatntttgng gggtcctgag	300
gtattttgat acaggcatgc aatgtgaaat aatcacatnn ncntnnntgg ggtatccatc	360
cccnaagca nttgatctnn tgtgtgcaaa cattccaann gnatnccttt agttntccat	420
aaatgngcaa tnaanntngn ctatngtcnc tntggagann natcngnant natctcaatc	480
nncccatntg tnaacttganc cattgaccat tcccaccaat cctgaatgcc tcantaccct	540
tctcaacnat ggnnctcttg cttatanget ntntgtcnat gagttcaatc gtagtgantt	600
taganncngg acttccatgc gaacatgntn aaggccggcc tntntggcct ggncttactt	660
aaatnaacca taatattgcc natgacagga acggatactn tgctaacggc cnnatagtgc	720
cncatttggg accc	734

<210> 2765

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2765

ggnnnnntnt nnanatacag ctacttggtc tttttgcagg atcccatcga ttcgaattcg	60
gcacgagtag ggtcttagta ctggtttggg cataattata ctccagtgtt gggcctctgc	120
taaaattcta agacgataag aatatcagtt taagtctctgt tacagttgtt ttcattgaagc	180
ttgtaagatt gatatttaag tggacaaagt gggaagtagt cagttttcag ggctccaggg	240
gtcatcactt tgtgtcaga gtacagctgt caactagtga tttgggtgcat ttagacaagg	300
aacaggagca aagggcctat ttcaagaggg tcatagacac tgccctgtga taagtgaatg	360
gctagagggt ttcttggtta actgaagtc ttttcacatt tttagctttt tctgtggcaa	420
cctgtctttt acagaagcta ctcatgaact ctggcttttc attttcaggg ttgggctgga	480
cattctttga tttntngntt tgnttngntt tctgagacag agtctctctc catcaccag	540
ctggagtga ctggcgatgat ctgcgctact gcaatctctg tctctcgggt cnggtgatct	600
cctgcctcag nctnccgagt agntgggact gcagtttcat gctacacgcc caggtaaatt	660
tttgngattt tgatagaana cagggttttg ncatgttggc cgggctgnct cnaactcctg	720
acctnaat	728

<210> 2766

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2766

cangctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gcattttcttg	60
tctttattaa	tttgacttct	ctagggacct	cattttaaag	aaatcataca	gaattttgaac	120
ttttgtatct	ggataaaaaa	tatatacagc	attttgctga	ctgtaaaatg	tatttttttg	180
ggccgggtac	ggtggctcat	gcctgtaatc	ccagcacttt	ggtaggctga	ggcaggtgga	240
tcacctgagg	tcgggagttt	gagaccagcc	tgaccaacat	ggagaaaccc	cgtctctact	300
aaaaataaaa	aattagccag	gcgtgggtggc	acatgcctgt	aatcccagat	actcaggagg	360
ctgaggcagg	agaatcgctt	gaacctggga	ggcggagggt	gcggtgagcc	gagatcgccg	420
cattgcactc	caagccttca	attcctatct	gtgagtaggt	cctcaaggct	tcctctgctc	480
ccagtcggac	aacccatcgg	ctgggacagt	actgattctc	cagctnctct	gcagacatct	540
tcttncaagg	aaccttgctt	gggaaaccca	caccaggcct	ntagaactat	agtgagtcgt	600
attacgtaga	tccagacatg	ataagataca	ttgatgagtt	tggacaaacc	acactagaat	660
gcagtgaaaa	aaancttatt	gngaaattgn	gaagctatgc	tttatttgaa	cc	712

<210> 2767

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2767

ggnntttgcn	aatnctaggc	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	60
cacgagcagc	tactcgggag	gctgagggca	caagaattgc	ttgaaccggg	gaggcagagg	120
ttgcagtgag	ccgagattgt	gccaccgcac	tccagcctga	atgacagagc	gagactccac	180
ctaaaaaaag	taaaagaaaa	aaaagaggaa	gaattagcac	atttctatta	cagaattgga	240
cttgaacatg	caaaatcatg	tctggatttc	tcagtgaaaa	gctgttttac	gttagtggac	300
tcttctaaca	ttttgaaatg	gtgatctgga	tttgggatct	ggctatcact	gacccacctt	360
gggtctgtga	atgaccaact	cacctaggng	ggagtcagtt	acccctgccc	tacantggcc	420
catggancac	ctgcggnaag	aangnntttn	tgcttactga	ttcttncatc	tatgggtgcc	480
aattgggaag	gatcctgngc	cattgactga	nctctntgag	ggttgttatn	aagcttgtgg	540
atccattctc	atgactactg	ggaaatttct	gtgaatttga	ccctgcccct	gaactccaag	600
gcagcttttc	ccctnnaaaag	gtnaaatcca	anccctatta	taactggggg	ganttgtnng	660
acaaaatttt	ngggctantt	taccgaccaa	anttttcnct	gncctanaaa	tgttcgnacc	720
cnncccgnaa	tttggnnggc	ttcacccctc	c			751

<210> 2768

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 2768

gtaanntttc	naatgcttgg	ctactcganc	tctntgcagg	catcccatcg	attcgtncnt	60
cntgtntang	tcgncncagn	ccttantngg	gataactaaa	tntactatct	ttncnngta	120
ctctcnagga	tttggatatg	acttnncaga	tnnanatngg	nnaactnatn	ngagnataat	180
ccntgaacag	nntttgttcn	ncncatnctt	ggagaggncn	tgntatatnc	agntcatgca	240
acactatcna	ntnaggggat	nnnccgncat	ccatagtga	tnatngntaa	nccactngag	300
ggntncttan	nnaatntctgt	nnagcncaga	ccncnatnan	nangannaag	agcacntgnc	360

```

atatngnagn gnnagttact ncancntent gangtggaaat acnnatgaca tcaatcgagn      420
tnaccatnac gcanntgtac tgaganttgn gancctcttt ntaccaggca tatgtcaatg      480
gtcnaanaga gnccatnna cntnnacent tntggctnna tgttngntcn nccnttgnan      540
gctntcctnt gcatgantgg ganntcaaan nttcnggacn ncaatttang ggncttaann      600
tnaaagggnnc canncnnggg ctctcnataa taaccantan nggnaaaatc tгнаaccctt      660
gctctaccta nncctagggg gancctggga tttgtnnnnn naaaantccc aacccttnan      720
tacttgagan gntnccnecn ntttnnaagn nactttgnng atagcnecn aaatgttnnn      780
cnntcangn aatccnntgn                                         800

```

<210> 2769

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2769

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gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgaggatc agtgaaaaac      60
attagtatac gtttttaaat aggctaattt ttcaacttgg atcattaggc ttacgtacta      120
cttgtttcaa atgtgtcaaa taaaaaatg gtaactaggt tgacagatac tttgtatttt      180
tcttttgaat tcagacctgg aatgtaagta agtgacaatg cttatggaaa gccagttagt      240
tagaattgga aatctgtctt gtcattttac aagcattaga ttcccttcct gtgtgaagaa      300
agcctcagtg aaacaggtct ttgccataac tttatgaagt gctacagaaa gcacaaagaa      360
ttgattcatg ttcataata cctgctgaga gtactgtccc aggaatatcc agtggatgga      420
ttcatcatcc aggaggttca aaagtaagat ggttttcaaa tcatttttga gactggtgca      480
taacagcagg gtacctgaaa agagccttct gggagttagt gaactaggta natggttttg      540
ntcacatacg ccccatcaac ttaaaagtga atggctttgg tataaatgan gtcactatgg      600
acttacccta aagatcttct gtacttctgg cttccatagg acaaatgata agtnctactt      660
nctcatctct tngggttatt aattggaann cttgcattca tgggtattga aattnaaa      718

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<210> 2770

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2770

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gcaatagttg cnaatagcna ggctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagc tttttctcac tgaaatatat aagcactgca ttttaagaaa acttcttatt      120
cattcgtaga cttttatctg gccagatttc cactctgagg gcttttcttt ctagtattct      180
gacaaacat aaattttatt tcctttaagg gcaaaaccaa cctccaagca catttatggc      240
ccatgtttta agagctggcc gncctttcta tcctgtatct ctggttaaag gtgttttctt      300
tntcttggag caaatttttc aaagaggggc taaagctatg tgttcctctg gagagaactn      360
ctgcctaccc agcangaaaag aaaatgccag agaagcctcc gacctgggtt ctgcccctgg      420
tagccaggtc tcaggctana agccttcttt ttggttgcac tggagtcctt ctctacctca      480
cctttattgc acttcttctt tggttcnnat gtatnctect ctgnctnctt taaagantgg      540
caactttttg gactttggac aattcctgtg tagcaatctg ggctgatttt agagaggcct      600
tctgttctct cttccaatga gctgattggg tgatcagctg attttattac ctttccctgg      660
aggaagtana gtcccaggat gntggggaag gccnntggg gaccctgaa gccctttatg      720

```


ttgaccctt

730

<210> 2771

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2771

gnnttnanan	agctngnnnn	nnnctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	cagactcgca	ttatggacaa	gtcccttctc	cccacacaaa	ggaagacata	120
caccgcatag	tccatttcat	ttcagctcct	gatggcatct	gaccgccgtg	gacacttccc	180
agnggtntgg	cttttgagg	gagagtana	cgnggatga	tctgtgccag	ttggncactc	240
cttgatatt	ggngttatnt	ccactggtct	tgntgctcct	ctgtgttgat	tttcattaac	300
tcatttcacc	tnaatgaatt	ctggagcctg	gctganatng	tgcntactct	ntgncagagg	360
atcatcatga	acaacccctt	atgtagcaag	nttcccaggt	tttttcagaa	gtggtgaatc	420
catgccttgg	cattcntgga	ttattccatg	tcatgtcaga	tcattcatna	aatnnatatt	480
gacacatgtc	atgtgatgcn	ttctatgctg	acaccatcag	gaattcaaaa	nggtgaccac	540
acgttgntnt	gntcctgagg	acttccaggg	ttanaaaaaa	anataaaaaa	aacttgaggg	600
ctntaaaact	atatgagtcc	natttacgtn	gnancngaca	tgaatncnga	atncattgaa	660
tgaantttgg	ccaancccn	aactatgaat	tgccgttgac	aaaaaggcct	ttttttgnga	720
aantttgngc	tgcttttggn	tttaatttgn	naacc			755

<210> 2772

<211> 632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 2772

gttgagctgc	tcttgntctt	ncnctggtn	natctgcagg	atcccatcga	ttcgaattcg	60
gcacgagccc	ttctgagnnt	gtccattcat	nggtggttct	gcccctactc	cccnagccct	120
naatacccca	tctgctgttc	ctaccnaten	nncanccacc	ggannntnca	ttcagcnntt	180
tgtctgaccc	ctgnagcccn	gagggngnga	gcagtgcnn	acancctcct	tnncaattgc	240
tggnacagacn	gctatntgtn	nctnanattn	aanactttct	gtctanttcg	anctgacntt	300
cannactaac	gctncaaten	gngattcntt	ctttaatecn	tnaggatatct	ntnattnctg	360
ngctnangan	gngccttnaa	nngctgagct	tacntgccng	ngantgnngn	tattgngann	420
anggatnctg	acattgnctt	gntcacagtc	nnntnagcg	tgactgnga	tganaancctt	480
gaccctgacc	attanttgc	naccgattna	ttgcctgatg	tacanatctt	gntgngnanga	540
ccactgatct	agatgntctn	atctanatna	tcnactgntg	acattgtcta	aancatcacn	600
natcaaagtt	ttagatgcag	tgnttgagaa	tc			632

<210> 2773

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 2773

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gtctatgctg gntannnata caggctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggaccaagga gatgtgagtg aaaatgatgc aggctgcttc cagggtgtgac      120
cagtaagata cttcccatat aatcttctta ctctttcttc cctgtttggc atcccatgtg      180
ctaagaatgg gaaccctgag gtcttatatg tggaaaccata aggtaaatgt ctttgggctc      240
tgaatctcac acagggctca ctgagaataa gaaacatcct tcttgggctt tgtatgaata      300
agaaaatact agcaaatttt taagaaggaa gtaattccag tatttcacaa acccttccaa      360
agaatagtaa aaacaaagag ctttcctttc ctggttatct aaaattagcc taactttgat      420
agcaaaacca gctaggagag ttgcaaagat aataatcaga agccagtctc actgaacata      480
aatgtgaaag tcttcagcaa aatattagtc tacttcgtgt tcacatcttt cttatgggag      540
actnttttgt ntggttgggt ttganatgga gtttcgctcn tgggttgccca ggctggagtg      600
caatggccgt gactttggct naacccgacc tacgcctggg agacattttt attttcagaa      660
tggaccattt ttctctactg gtntgggcnc aaaactagac tctggattaa ncctccctg      720
ngggttanga agtgggcat ntna                                     744
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<210> 2774
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 2774

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gtctatnctt tgaanctctt tgctacttgc nngntctgtn tgcaggatcc catcgattcg      60
aattcggcac gaggatctct ttngaggatga tgggtgctntc cgagctgttt ctggagatgc      120
tccagaggga ttttggctat agagtttata agatgctact gaggcttctt gaaaaggctg      180
tgtccccacc tgaacctgag aaggaggang cngccaagga agaagccacc aaggaggaag      240
aagccatcaa agaggacgtg gtcaangagc ccaaggatga ggcacacaat gaggggcccg      300
ctacagagtc agaggccccg ctgaaggang atgggcttnt gccnaacca ctctcttctg      360
ggggagagga agaattnaaa accccggggc gaggcttctt gaggacctgt gtgagatngc      420
cctggaccca gaactggtgc ttngangga tgatggatag gaggaagttt gnaggagcaa      480
agctggatga tncctgangtn cggtnengnn cctaaaccag tcacagatgg agttctntnc      540
acttcaagac atgccccagg acntggatcc ctnttgctnt gcttccctta nactgnetgg      600
ttccttttag nggttctttt gatnccaact gatgtngctt ncttgcaccg gccangactt      660
ngnganggaa ccttcttacc cttgggatcc cggnttaaat ggnaaccan ggccaancca      720
aatggtttac cnagggnngg ngaaccnana aaaaattttt                                     760
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<210> 2775
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 2775

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gggnnnnnnn nananataca gntgttcttt ttgcaggatc cctcgattcg ctggaattag      60
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atttgttagg gcccgacatt ggatttattt taagtacaat aggaagccac tggaaatgtga      120
taaccagagg cttgatgtaa tctagtctaa tctattaaag gattgctgtc tagtttgtga      180
taaattggagc cttgaccttg gtgtcaagaa attgtccttg ataccagcaa ggccaatttg      240
gaggttattg ccattctgag atgagaagca gtaatgactt ggtgtttatt tgagatagaa      300
agcaagtaaa atagaaacat tttctggtag tagaggcaag aaaacttggg gttaatatta      360
tcaaagcaga taataagaaa ttgttactgg gttgtagtaa ttatctcact gatattttaa      420
cccttgggtt tattggactg ggtggccgat gtttgggtaa gaaggaaatg agaagtgttt      480
ttaatatggg agatacctta gcatatttat aaacaaaaac tgataaaciaa ggacaaaact      540
tccacttatg gtcacggtga agtaactgat actggcccggt gttttctctc cattaacaac      600
tagaaatctg gttgcatacc caaagaagct ggctctgatc cacactaatn aaattgnnaa      660
aaatncangc tttaatgatc taggatccca aaagtantgt ggtcaaagcc aaatncaaaa      720
gtctttttaag gaagacc                                     737

```

<210> 2776

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2776

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ggggnnnttg caaatncnng gctgttcttt tgcaggatcc catcgattcg ccagcccctc      60
ctctccccgc cttctgggag gaggagggtca cacgctgatg ggcactggag aggccagaag      120
agactcagag gagcgggctg ccttcgcgct ggggctccct gtgacctctc agtcccctgg      180
cccgccagc caccgtcccc agcaccacaag catgcaattg cctgtccccc ccggccagcc      240
tnccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta tttaaaagac      300
aggcggggcg cggngggtca cgtctgtaat ccagcactt tgggaggctg aggcggncgg      360
atcacctgag gttgggagtt caagaccagc ctggccaaca tggggaaacc cgtctctac      420
taaaaataca aaaaattagc ncgggtgtgg tggacgtgcc tataatccca gctactcngg      480
aggctgagge aggagaatcg cttgaaccgc gtaggtgggg gttgcngtga gccaanatcg      540
caccattgca cttcannctg ngcaacaaag aaccgaaact ctgtcttaa ataaatnaan      600
nnattaaaag acagaaangc aagggggtgc ctaaaattct aaaactttgg ggggtccaaca      660
ccngggcaac cggnggnttg caaacccaaa caaccttggg aaggcttcca tttntttcc      720
caaagccn anncagaagg ggtcattgcc gggcccaaaa aggaaaaaa      769

```

<210> 2777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2777

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ggggnnnttg caaatncnng gctgttcttt tgcaggatcc catcgattcg ccagcccctc      60
ctctccccgc cttctgggag gaggagggtca cacgctgatg ggcactggag aggccagaag      120
agactcagag gagcgggctg ccttcgcgct ggggctccct gtgacctctc agtcccctgg      180
cccgccagc caccgtcccc agcaccacaag catgcaattg cctgtccccc ccggccagcc      240
tnccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta tttaaaagac      300
aggcggggcg cggngggtca cgtctgtaat ccagcactt tgggaggctg aggcggncgg      360
atcacctgag gttgggagtt caagaccagc ctggccaaca tggggaaacc cgtctctac      420

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taaaaataca	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaacccg	gtaggtgggg	gttgengtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtctttaa	ataaatnaan	600
mnattaaaag	acagaaangc	aaggggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccctgg	caaccttggg	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2778

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 2778

gctatgtgga	aatcgcnagg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagagg	aagctgggtg	agaagaagaa	ggaaaaagtc	gattctactg	actgacgttt	120
ccccctgctg	ttaagaatcc	caaccacaca	ctttcacaca	ctattccagg	ttctggctac	180
tgaatgatcc	cacagctgag	gtctattgnc	atcgctccac	ttctattttt	agcagcacta	240
aaaacattcc	caaaaaaat	gttttttagc	tttttaactg	tagattcacc	actaagaaat	300
tggcattgga	acagtccaca	gagcttattc	aaatttcacc	cattttacat	gcactcattt	360
gtgttgcatg	tgatatatag	ttctatttca	ttttatcacc	tgtgtagatg	gatgaaaaca	420
gcaacataag	caagatacag	agctgttccg	tcattcacaga	gctctgccat	actatccttt	480
tatagccatc	tctacctctg	tccccatttt	ctaaccctcg	gaaaccacta	atctgnnctt	540
cataattttc	ttattttcaag	aatcttacgt	aaatagggat	cacgaagtat	aacctttgag	600
aatggccttt	tcactncatt	cccttgagat	acatccaggt	agtnngcatgt	atcaatagnt	660
aattcctttt	tattgctaca	cagtctccat	agtatgaata	tactatgtac	atagcatatn	720
tatttatagg	tnacc					735

<210> 2779

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 2779

tgcgtcgngg	agcgtgcnan	tcgcatngcc	nanaanaatg	gcggggcgca	tccttgacag	60
ttggataata	ggttccagga	agttcagtgg	aaaatttttt	caaagcaaca	tttatagctg	120
attgaacttg	aaaagccatt	ttgggtgttg	atggcaaata	tgtggacttc	agcattcctg	180
gagcctgatg	catcccgtcg	gatggccctg	ttcctgtgta	catgatggcc	tggggactca	240
gcagtgtgca	gggtactctc	cttttagagg	tgctttgagg	aaagaagtgt	gctgccactt	300
acagaagtcc	ccttcccata	cagtgatata	acacaagtac	cccatgtcca	gggagcatct	360
ttcctctgat	ggcttgagga	cttattttatt	aaaaggacag	gaatgtctgg	caagaaacag	420
aggagctctt	aagtactgta	aatactocta	gtcactctgc	atcagggtctg	caagtntaag	480
cagattgctg	tgggtgtatac	acatgatttt	agcatgataa	cacttctgtt	taaatgncct	540
tagttgggtcc	ggnggccacc	actggcgtga	gccttaagaa	aggctaacgc	cgntgngaag	600
aaagggtctt	ataggccgng	nntggagngg	ntaaattntc	tttagaactt	aaaagaagaa	660
cttgacgggg	atggggaagg	ggaaaaatga	acccatnggt	ncanggaat	ntaggtgaac	720
angagnaatt	gaaccnattt	gcaagnntta	aagaaaang			759

<210> 2780
 <211> 678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 2780
 nttnnanncn cagctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 cgttnacnga ctacgtgtng agcctgtgn cagacnctga ntncacnntg gngaanaatga 120
 nngtctaggg gnetcagccc gtntnnttcn taatccagt aganacnaan acatgtacac 180
 aggctncgat nanttgtgnc aattgggaaa tgtgccatgc tactagggga tggatgagat 240
 cncagcttan tcttggaag aatgagtng ncntngcaan taagggngga anagaatatt 300
 atcaagagag gtgangaaag ttgncngac ctcaagtgt caganatgag aatacnttgc 360
 tgtntaaatn actgcttnac ctcnatang gnnagagtnc ngntnnntg agctaactgt 420
 atntcangng atgttatcng gaagaanaaa ggctnnnaaa cnntcncttt tnagnacagt 480
 atgtgcactt aactgcaa atgtactgggg gagccatata tggacttate tgaaaatgac 540
 ctancncaat tgnctttaga aaaanccng ctgccttgta actngtaatg gcaactgagg 600
 tggtagacat atngatttgc actatgagtn gaatncttat ntctgtnga gtgcattcct 660
 tcgtggntng gactgaac 678

<210> 2781
 <211> 682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 2781
 ggcacgagat tttttttgtt cgaatgagcc ttaatcttnt actagtgatt ttttgtttga 60
 aggagccttg atcttgcca ccgaaaagg tnaaccagt gcaagcttga atgcttgttt 120
 tatggttagac ttagatacga gaacgggtaa aggtactgg ataaacttgg gatataagat 180
 tgcttctttt atgcatacca ctcataccac tgggtggaaa ttccatttgg aattactccc 240
 tagggccatg gagtcttcc gcatatgcta ataagtgaag ttcccattac ctttggtaat 300
 aagaaaatat ctttaaaaca agttagcttt tccatttgnn tatatatgga aggacangct 360
 gttttccctn ctgtgcattt agcattttgn gtatnctctc attgcncnaa ntatgcttat 420
 aacattgtga aaccccgctt ctactaaaaa tacaanaatt agccaggcat ggtggagccg 480
 tgccctggaat cccgtgtgct taagaagctg aggcncnaga attgcttgac ctgggatgca 540
 aaagttgcag tgancctaca tcacancant gccttcanc ttggggacaa aactgtttct 600
 cnnnaaaaaa antaanaaan tttgagcctt taaaactatn gtggagncgt attacnntan 660
 atccngacnt ggatnagaat cn 682

<210> 2782
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)

<223> n = A,T,C or G

<400> 2782

cgntgantnt	cnannngcgg	gcctcgctct	ttcannaagn	cnngcgnggn	gaattcgga	60
cgaggagntc	gnanctcctg	gtggcgcttt	tttgagctgc	agtgcataaa	gagtggcctg	120
antccaccaa	gagaaggccc	aggaggaaga	agagaaaaag	atgctgtggt	tactagtgcc	180
aaaaatgctg	gcaggaacaa	ggaggagaag	acaatcataa	aaaagctgnt	cttttttcga	240
tcggggaaac	agacctagat	ccaaggccac	aagtaaggct	atggctctga	ttctagaaga	300
caaccttcca	agatgcctgg	caaaaccacc	tccctgtgcc	acacagacac	actaggcctg	360
tgtattttatt	ttcccttcaa	agcagactga	ggaggaggga	gacgaggntc	tcttggcatc	420
actttctccc	tggctgcaga	actagacacc	cttgaagatt	tggcctgggc	cagtgagact	480
gaaatcaaga	aaaacagaag	ggatgtgcaa	ggtggggggg	tccacttntc	gtcccatgt	540
caaccccan	ggccttcagc	gtgcagacgc	ctgnctact	catctgctcc	cacnggatgg	600
accctgggct	ttaangggta	agcanaaagg	gagaaaaaga	aaacccggaa	aatnggccta	660
ttggagaatt	cccagngggg	gaccttcacc	tggatattta	aanggaaana	ttnggatttt	720
aagcccaaca	tgcccttntc	tttanggggg	aantnngggg	attaaaaagg	naaaaaagga	780
ttcc						784

<210> 2783

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2783

nnnttnntna	nnnttgggct	aacgccctnn	aagnaaccag	tcggnncgaa	ttcggcacga	60
gaagacctgc	agcttcagca	tcacttgaga	agttnttagg	aatgcatact	agtgggcccc	120
gccccagac	atagtgaatc	agaaaccaac	agggaggcgc	ctagcattgt	ttttttaaca	180
agtgtctggg	tattctgatg	cacagtctag	tttaagaacc	actactttgg	gtaaaogttt	240
tgactgttta	aagtttatgg	cggtgaagtg	ggcatcttca	aagactagta	cttacacagt	300
ttagaagatt	tcaaggctact	gctgacagta	gtttattatg	tcagtataca	tacgtgtaga	360
gatcataatt	tagttccctt	cttaattgta	caatttctta	gtttactttt	cctaaagggc	420
catagcataa	ttcttgattc	ctgggtggaaa	tcttttctga	ggtgtggggg	tgggcaaggt	480
gtggattgct	gtttacgata	gtgccttcat	tagtttttagt	tctgtctggt	ttcattcatt	540
attgactcaa	aggtattaga	acaggccctt	atctttttcc	tatttagattt	atttttgnnt	600
tttactttat	gtaagttcag	aatccttttt	ttaaagtgat	gactactgat	gaaataatgn	660
tactagtagc	tgaatttaga	cttgatgcta	tgntgataat	atttaaattgg	tgaaaagtaa	720
ttaaggcaaa	atagcaattn	t				741

<210> 2784

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2784

nttcnnntn	nttggctggt	nttcngcagg	ancccatcga	ttcgctgcct	cctccttagg	60
cagagagctc	cttggttcca	tttgaaaacc	ttccttcccc	ttttgctgga	attgagagac	120

tgaggacaca	aagtgggtgtg	ctggagaata	aactagagcc	tgtgggtgcc	gactggcaac	180
ttggggattg	tgtgagtgag	ggagagattg	tcagagacta	atcctaacat	tgctgatgag	240
tggacagaaa	ccataggcct	catgaatagt	gattttctgaa	gtcaaagccc	agtatgctta	300
aatatcaacc	caagtggttt	gggagagggg	agcacagctt	actgttctgc	taaaattctt	360
tgaggaatta	agtnagaata	cgtgtaagg	acgtagcaat	ggttattttac	aaaatggact	420
ctgcctgcag	attattagta	tgtctcagat	gtaaaaccag	ctcaaaagta	ctangacgat	480
ttgtagtagt	atttaattat	ttgtaaactt	acaccgtttt	tcttcacgtt	tcgagaatac	540
aaatctttgn	cagtagtgaa	atgngaattc	agtaggatta	aactgngtgt	aaaccttgtg	600
ggcgggatga	agagaggcag	aagcgcgtac	tgggtgctgta	gttgcccgc	agctcaaggg	660
cccactatgt	actgctctgg	gttgccactgc	ccagaggtaa	ggggaagctt	ccttaagacn	720
t						721

<210> 2785

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2785

ggnntttnt	annatacagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggggt	tctttaacct	gtgcttcctc	tgtcctactt	cccacctgc	acagttcata	120
gagtcacttt	ctgactatcc	tatagacaca	gtaattggac	ctgtgttttt	ttctaattctt	180
tatatgacag	cacatttctc	aattcagga	ccatccccta	tcccaaattc	catcctgtga	240
gatgtgaaac	ctgtgagttc	atgtgaatga	gtgtttgaag	ggcttgacgc	catgtagtct	300
cttaggaagg	cttcagggtg	ctcttatggt	gatgctttgc	cattatcaaa	tggcattgat	360
tgatccgagg	gactcagaaa	gttagggtag	actctataaa	taatttcatt	attcctcatc	420
ctctncgtca	tcattttatt	ggttagtcat	tctgccagat	cactaagatt	cttctcttac	480
aggccccgca	aaattncaca	gagccctgat	tctncacctg	cagatggagt	ctccctatcc	540
cattgctcag	cttttcaaga	tttattatga	tgctggcaag	tganggaatt	tcttaagccg	600
agaaatcaga	agttcatgcc	tgttacctcc	taagaaccgc	gngtnaaaga	ccatntatcc	660
tggctctgana	tggcgggcct	ttagtgagaa	ataagttggt	tttaagttgg	ttcagaaaaa	720
aaaaccacc						730

<210> 2786

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2786

agagtttgng	tgtagcgctt	tcnctaagan	nntggcggtg	cgaattcggc	acgagcaggg	60
atccacttgc	cttaatttgc	acagtgttct	tataaatcaa	cagaaagtac	acataacaga	120
aaaattttaa	aggttaggga	tcatttagga	aaaaatgcaa	atgccaacaa	atgtgagaaa	180
atgctcaatc	ttacttataa	tttaagaact	acaattcagc	caggcgcggt	ggctcatgcc	240
tgtaatccca	gctacttggg	aggctgaggg	acgagaattg	cttgaaccca	agagggagag	300
gttgcgagtga	gccaaagatca	tgccactgca	ctccagcctg	ggcgacagag	caagacttgt	360
ctcaaaaaca	aacaancata	aaacaacaaa	naaattacca	ttaaaaatga	gagagttttc	420
attggcaaaag	ttaaaaagaa	aggtgaaaga	aaaacctact	cttcttgatt	tgtgtttggt	480

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cacttatgga gaatttattt tgtcataagg nctgaatcat aattaaatat gttctttggg 540
tctancagtt cttctatttc ttgnattata agtaaacctt ggaaccatct tanacactga 600
tcatgaagac taatttgnaa taanaaagtt tctagccttt cattccnatg gaaatatggt 660
tgcccgnata aaaaaaaagc ctctagaact tttagttagt cgnattaccg ttagatccng 720
aacttgatta aggatacaat tgattaagtt tgggacnnt 759

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```

<210> 2787
<211> 751
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

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<400> 2787
gnctttnaaa tcnnttgcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
cgagatgggg tatagatggt tttccccctg tgtactctag taaatttcta tgccatttct 120
cctatcgatc tgccttttgt cagttgattt ttcagcttaa cttcagagag caaaggggaa 180
ggtggccaag tgcagtgtct catgcctgta atcccagcac tgtgggaagc tgaggcaggc 240
agatcacttg aagtcaggag ttcaagacca gcctggccaa catggtgaaa ccctatcttt 300
actataaaga aaaataagtc gagtgtggtg gtgcacactt gtaatcccag ctactcagga 360
ggctgaggca gaagaattgc ttgaactcgg gagatggagg ttgcagttag ccaaaatcgc 420
gccactgcgc tccaacctgg gtgacagagt aagaccctgt ctcaaaaaaa aaaaaaaaaa 480
actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca 540
ttgatgagtt tgggacaaac cacaactaga atgcagtga aaaaatgctt tatttgtgaa 600
aatttgngat gctattgctt tatttgnan cctttttaag ctgcaataaa ccaagttaac 660
aaccaccatt ggcatttcat tttatggttt caaggttcaa gggggaagtt ttgggaagg 720
ttttttnaatt tccnggcccc ggngnccaat n 751

```

```

<210> 2788
<211> 739
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

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```

<400> 2788
tnttatntgn gnnctttgna antccccagg agcnngcga ttcgctggat gaagactaag 60
catttaaata ctaagttgag ggcatanag cttttntgtg cctataatcc cagtgttttg 120
ggaggcctag gcgaggaggat gccttgagcc caggagattg aagctgcagt gaattatgag 180
ccaatgcact ccagcctggg tgagagttag accctatctc aaaacagcaa caacaacaag 240
atacaaattg agaaactgtt acttgatttg cgatatgtat tctgtccagc agtgatagaa 300
taacaaggac tgggtttacc ttgctatttt aagcaacaat atatgaaata gcaatttgta 360
ggcattgggt aacaggcaaa gcaagactgt ggtcactgaa agctgggaaa caaacctact 420
gagctctatg gttgccccaa tttattatct ggaggtagtt ttcaggctgc agagcaggga 480
tggggaagtc aaacagagca tgggtgtctta gaattgggag gacaagatgg gggttggcgg 540
ggaggggaagg ttgtcatcat tcgtggggca gaggaccaga gaagtgggaa gttgtacaca 600
gaacttccag tgataggtgg aggagtcttc tgaatctggt tgaatcctga tctacagggtg 660
catgaaaagg agaaccacct gaggnacaga aaagaaccca ctggaaacca caggccaaac 720
aattnctggg actcacact 739

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<210> 2789
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2789
 ttagnnnnncg ncgcgntgac cnggaaancc ccaggagcgt nncgntgcga attcggcacg 60
 agtcttctag gaatgagggg catcagccca cccaggnntt ttcagtgggg ttccggggcca 120
 cctcaggact ccaagaggct gtgtggagcc accactccta gccacagctg ccatgataag 180
 tccttccatg aaggactgag gagggagagt ggggggtccag ggctgggtgct gctcttccct 240
 cagctctgcc ggggctctaa ggtccctcta tttatttctc aaccttggct ggctctctac 300
 caggagttaa ggctgaatgc cttccacgtg atggaggaaa aggccaaactc tgcctctggtc 360
 ttgctgtggc accccatcgc cccacagctc gtaccttctc accagattcc cctgaatcca 420
 aactcgtggg gcaaaccctc acctttttta caaaaagatc ttattgttaa tttattgntt 480
 ctggcacttg ggcaaaccct gtagttaata ctctctccac actagacact ggggtttcagg 540
 aggagggaga ctgccctgct ttgggtccag agaggccctc tgcagatagg cgtggcccct 600
 cttcagagga cactacccta gggcactttc tctttgaggt ggagagaccc ataaagcctt 660
 gacacatcac tncatatggg ggaggaagaa aggatccctg gcaccttctc ctctctttaa 720
 ngggggccctt ttgcaagccc tagncn 746

<210> 2790
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 2790
 nccngngggn cagacggaaa gccangagc cngggcaggc gcnganacat ganaancact 60
 tgaaccngng aggtggngga tgcagttttn ttttgattga gccattgcac tcnagcctgg 120
 gcaacatagc gagactctag nctcaagaag annanaaata gactgagana aagaaganga 180
 aaaaactnnn gagggcacca gtctgngaa gacaacaaag aagcaggggt ctgagagaga 240
 ncnangaggg cataggtggc ccgaggacat naganggggt nanctncang ngaaatnggn 300
 gggaacgggtg ntccaggcgt aggggaatag ncatgnaaan gccgtgataa agggaaanaaa 360
 ctnggtgnga tggaggaatg ncagagaggg cagaacagan cnagagggca ncattcgtag 420
 gagacgaggg aatcacgggc ctgccaggcc atggangggg tngggattct annacgaagc 480
 ctgaggaaaag tnaaggcngg gannancaca ncaaagatgc cancnggctt gggcttacgn 540
 acctccccca tggcngcatg ggaangaaaa ttaanatggn cgcacaaaaa agttgnaann 600
 aangnngaac gcagcnnngg tgnnanngnn cccangggc gaaannggnc aaagnanggg 660
 nccggggctn nggggcttgg aaaangatag gacggggngc caagnaaggc tccaanaaaa 720
 atcgganccn ngggaanaac nngggaganc nngcnnngan ngggacaaaa attngggnc 780
 cnggccaagg ncccggngg caccanatg ggcg 814

<210> 2791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 2791

cnnncnntgt	actgnacngg	nantcccatn	agccnannga	ttcgaattcg	gcacgaggca	60
tattgtggag	aggcacagtt	caggaggaat	agntttcgtc	ttgaagagga	ggacactttc	120
ctgtgaatca	tgaggacag	aagatccata	tagaagaaga	caatagcttt	gatcttctat	180
tacaagaaaa	ggaatgccag	tgtaagagat	ggcatgatat	ggaagtgtat	tccttttcag	240
gcctgcagag	tgccccctcc	ttggctccag	aacgaagatc	cacacttgag	gactactctc	300
agtcgctgca	cgccagaact	ctgtctggct	ctccccgatc	ctgttctgag	caagctcgag	360
tcttcgtgga	tgatgtgacc	attgaggacc	tgtcaggcta	catggagtat	tacttgtata	420
ttcccaanaa	aatgtcccac	atggcanaaa	tgatgtacac	ctgatagcaa	gaagctaatt	480
catatgcttt	aaaccaatga	aggcttgnca	aagagattta	gttaatggca	gaccttgnng	540
ccactttntg	tgagaagaca	tctctttntg	ctcactgtct	tgcaataaaa	acttttnttg	600
gcaaaanacc	aaantttaga	gtnanccntt	aaangaaaaa	ccttggncct	cttanaactn	660
ttntggaggc	gnatttnccn	tngaattccg	accttggatt	caggaatcct	ttgatnaant	720
ttnggaaaaa	ccccccactt	ggaaatgccc				750

<210> 2792
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 2792

agcttncnnt	nnatnagtnn	nggaactngc	cgcannatcc	cancnantcg	ctccgcagca	60
ggccccctgt	gtccccccac	ctgctggctg	agctcntnct	ggcctcgtcc	cctctcagct	120
gtagctgcac	cacccccgct	ctggctacca	ggctctcccc	gctgggcact	gcgtggcctt	180
gccccctctc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	gatttctccc	240
ctctcctggg	ccaggggagg	ggtattatcc	ctgcctcctg	cccccgatgc	ccaaagcagc	300
atcttccagc	actttccatc	gaggacttgg	gtggcagant	gtgggtgcag	cctggctgtt	360
gtcaccctaa	gtgctagctc	tgacttctgt	gtctgctgag	agcaaccaag	accttccatg	420
tcctcgaggc	agctgcaact	ccccgcgaga	ccccgcannnt	gggtgggatg	aacaaagcaa	480
cgagaccac	angcgagtgc	ctgggaagga	gtggncctang	gtgggttctg	agccattgtg	540
ggtgaggggt	nagggccacc	gaagtnccgc	ncaccgntgn	ctgccctgca	ctggctttaa	600
caagttngnt	ntgccaaana	ctnttcaatt	taccatcaag	ccggtctant	gtcttcaagg	660
nattggagcc	tgcgattcct	tcggggcacc	ntggggcccc	cnccggctnt	gggntccctt	720
gnggggaaat	gggcccaagc	cgggctttgc	nggtttcctt	ccnttanggg		770

<210> 2793
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (806)
 <223> n = A,T,C or G

<400> 2793

```

tctanctttg ngtgtanccg ctngcctann agantgggtg gncggaagat gaggaagcca      60
gcactggatc tcatctcaag ctcatnttag atgctttcct acagcagtta cccaactgtg      120
tcaaccgaga tctgatagac aaggcagcaa tggatttttg catgaacatg aacacaaaag      180
caaacaggaa gaagttggta cgggcactct tcatagttcc tagacaaagg tacggaaaaa      240
ggaccagatc aatattgaaa caaagaataa aactgttcgt tttataggag aactaactaa      300
gtttaagatg ttcacaaaaa atgacacact gcattgttta aaggtttagt ctgaattagt      360
tgattgtttt taattgaaaa gtttaaagnt ttaattatna atggtggata aagtgaaata      420
atncaatatt tgattaatcc aaaagaagac cangaaanga agaaaaagtn acgtttaaca      480
agtgtgcana atacaaaaa natagtgaga tcttagatac ttatgcagtt ctaccgagtn      540
nttaccgtga aatntaaaaa agggngngaa atantntcca aggttaaagc ctttaaaaaan      600
tattannaac tttggattca aaaacaaact nncttatgga agcctttttn ccaacnagga      660
ngtccanccc tttaaaatan tgaaaggatt ntgtaaaaaa aanannntta aaaaaacttt      720
gngcnccttt tttaaancnt nttttggng ggggcctttt nnccgtnaaa attccctacn      780
ctttgtatta nagnacnct ttnggg                                     806

```

<210> 2794

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2794

```

tnanttnnnn ggttggngt tcttcnntaa gatncaancg atncgaattc ggcacgaggg      60
cacagtcagg gagttagtta gtgggtagac tcagcaggag ttggttgcta ttcagatgtg      120
ttggggaaag tgacaggcat agctgactcg gggtcattca ctaagccagg agcccaggaa      180
gacacacaga tgcaagcaga gatcgtgccca ttacactcca gcctgggcta cagagtgaga      240
ctctgtgtca aaaaaaaaaa gaaagaaaat gggcttgtgt ggtagcaggt aagaaattga      300
atctctgttg tacagcagct agctgtactg catgatcact tcccattccc cagctgacag      360
tggctgtctc tggaactcct accacagtct tcaattggta ggccagccct ggtgccagtg      420
attttatctg ggcattgaaa atgccacttg cttctgtgga agagacactt aaaagatctg      480
gcagtcggcc ggtgcggtg gctcacgcct ataatcccaa cactctggga ggtcaaggca      540
ngcggatcac gaagtcagga gatggagacc atnctggcta acacggtgaa acccttgtct      600
ctactaaaaa aaaangnaaa aaaaaactcg agcctntana ctatagttag tcgnattcct      660
agatncngac atgataagat ncattgatga gtttggacaa ccacactnga atgcntgaaa      720
aaaatgtttt tttntat                                     737

```

<210> 2795

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2795

```

gtaaagtgct cttgttcttt ttgcaggatc catcgattcg aattcggcac gagggcagtg      60
ctgcgcgggg ctcccagccc tgctgggaag gaccaggga cactcagca aggagaccct      120
cttgccctcg cccccaccat gcaccagca gccgggagtg cagcgggcag cctggcagtg      180
agtgaacccc aggcctccag cctccaaag cctggggcca cccctgtag caggcgatgc      240
tagaataagg aggagagcca gagctgaggc tcttgcctc ttggccctc caggggcca      300

```

```

gggatctctg tctccacac cctgtcacg gccgcctgg agcagcccag aggccgaaga 360
ggttcttact gcagcctccg ggaggtgtct agggaggcca tagattgcct ggtctcgccg 420
cattcaaaat gaggttatg atcagtactt ttttcagccc cacattcctc tccagaatgg 480
cctctgccct acagcacctg gcccatgtgg cccccatgg gcctgtcctc tgctgttggtg 540
aggctcgacct nacgaccag cacaggagct ggaagccaag tgcacgcgan gctcttcaca 600
gcccagaag gcagcctgtc accctgctct ccgaccaagg gccaanagtgt ggggggcaca 660
agccatnctc atcctgncag gccccgctt cagaatgggg tggtgccaat gctccactna 720
aacctt 726

```

<210> 2796

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2796

```

gmnnttanga tcagctcttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
ccgcgcgcgc caccaccacc accactgcag caacaacagc agcagcagca gcagcgccctg 120
catagctcca ctctgacctg tgaaggaatg gggatgaggc caggagctag tgtctaccac 180
ggccacacag ggagcagtgt gggcccttag cccccaaggg gcctgctatg catgtggctt 240
tttttttttt aaacacagta aactagatta gtcgtcagtg ttttaattgc cctctctctc 300
ctctcctgca ttctctctct ctcttctttc ctctctgtcc cttctctttc cctctcctcaac 360
caggagacca tcatgtctct ctgccttcct cctctccctc ccaggggagt caggctgtct 420
gtgaaagcca tgagcttctc tccctctccc actcctctc tctactttc agatggattt 480
attccttttt ttaaacaatg aacatcgga atgagactgt ggggtgtgg nctctctctc 540
ttttttttta attttctttg ttgggttttt gagcaacctc atgtccctc cagggagctt 600
ttaattacct cttanaactc aagtggatgg gaagtagagc actatgtgtc aatatgcttt 660
ggttttctgac acgattacnc agcgaggctt taatgccatt gggtaggtga gcttctgctt 720
t 721

```

<210> 2797

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2797

```

ggggttttta tgcttggtta ctngnctct atgnagganc ccatcgtttc gctntcggtg 60
gccttntctgt ggaagtgaca tgctcatttt ngccttattn gtgnacnngg ggangnncta 120
aanttggcct gtntncangg gttaaggta cactgnncta attngcaatg ggaacaccat 180
gtactnagtt ggntncncc gttnttagga aagctttent tatgcaaggg ataacatcna 240
atagggcact tatcccaa atgaatgcagca atttaaacca nngatgttta cgcattggcaa 300
gaacacngtt aggcaggant ntgggggtcaa ctangctgat gtctttgaac acccatgagc 360
tacttggaan gtntgnatat cnggtggccg atgggctnng ggngtntnnt gnttgctcat 420
angcgnaatt taaangnnga gttatgtggg nganaatatg tatgtttgca attacacatg 480
gaatgtaaac caaagataca nttctnagcn ccctaaccnc taantggatn cctctntntc 540
anncaanggg nntntccacn gggaacctga aacactagtt naggtgtgta tggacatgag 600
tgggtggaca tgctnctatg gnaaggaatt nntacnncac tnaccttcat gaacattcna 660

```

ncngagacct ttaagggtna ncaaganatg acttttgngt nnggaatatg aaggtggaat 720
 tgacacananag gcccttgaaa tggnaatgna 750

<210> 2798
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2798
 tccccctntt ttgcgcgtct tgttctttnt gcaggatccc tcgattcgaa ttcggcacga 60
 ggaacaaaca aaaaatgcac agttcataat aatttctctt cgaaataata tgtttgagat 120
 ttccgataga cttattggaa tttacaagac atacaacata acaaaaagtg ttgctgtaaa 180
 tccaaaagaa attgcatcta agggactttt ntanatgctn cttgcaaaac tactacnctc 240
 atatggcatg atccattnac antaccgttn cnatatctgn cntctngctg naccnntnch 300
 nnatctnch tntctacnnc nntnaccnct gnannacgtg acgnagcnct cnctnagatc 360
 antganactg antatntntc angatcatnt cacaattcnn nctctntnngn acnncactgt 420
 angncnatca atctgcctta cnannccaca ncngantggn cannctngng agaccncnc 480
 tttnnnangc caatgcnnnn ggatcacctt agnccntngt cctgccgncc ctgtntcnn 540
 tnnngaaacc nntctnttac tcccaatang nnnnatgect ncnntntnc tnancncgcc 600
 cntttaantn ccantnttcn ttggcnaggc cccanacact ggnnnantnn acttntncc 660
 cccaantng nggannggct nnnannnaa nccnnnattt gnnncncaacn tnnnccnnn 720
 ccngngcntn aatnccatnt nnnannnaan nnaanaacc n 761

<210> 2799
 <211> 698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 2799
 gnntnnnnnn ttnnnncacg ctcttgttct ttttgcagga tccctcgatt cgaattcggc 60
 acgaggcaca agccactgtg cccggccaat actgcanaat attttaaaaa gttaaaatta 120
 tctcttctgg ctggtcatag tggctcacac ttttaatccc agcacactgg gaagctcagt 180
 cagaaggatt ccttgaggcc aggagttcaa gatcagtctg ggcaacacag accccatata 240
 tccccaaaaa taaaaataaa taaataaaac agttatcagg ctgggagtggt tggctcatgc 300
 ctgtaatccc accacttttg gaggtcagg caggcagatc atgaggtcaa gagatcaaga 360
 ccagcctggc caatgcggtg aaacttttgt ctctactaaa aattcaaaan ntaaaattag 420
 ccagggtgagt tggcgggccc ctgtaatccc agcccgttg ggaggctgag gcaggagaat 480
 tgcttgaatc tgggaggcga agttgcagt agttgagttc ttggccactg cactccaacc 540
 tgggtgacaa gagcaaactc atctatnaaa annaagacac tnagcttnat agttntgaga 600
 tatcttttagc atgtnttatt tccaatgtta gaaaattatc tttgntattg tcattttgtg 660
 gtgatactna gctctttgct ctgatactat aatgngct 698

<210> 2800
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2800

gtnatangncn	gcactncttg	ntttgtgenn	gatgcncgat	ntnngaattc	ggcacgagac	60
ctcttcttca	ttgttaaaat	ggaaataata	atactaccta	gctcgtggga	ttgttgtgag	120
acaacaacaa	atgagacaac	agagatctga	aactctgcct	ggccccctgg	atataccaag	180
tccacagtta	aattagcctt	tgttactaaa	tcattgtttg	ggtagaaatc	ctcagatttt	240
ggattttctca	agtgtctcct	ttctactgtc	caaaaggcag	aatgttattt	ttgctcgatt	300
ccattatgta	atatactatg	aatttgaaat	ttcggaggag	gcacagcatg	gggctgtgga	360
aatggtgcag	gtatctgcat	ccgaaactcc	gaagttgtgt	ggggaggtcc	tctctcctga	420
gcccagaggc	aaaaagctgc	tccaagaaa	tgatctttat	gccccacagt	ccaaagcccc	480
acattaacaa	aagtctcaag	acaagaaggc	aatgtgaccc	tggcccccat	gttttgtttt	540
gacttttaat	ttcaaaataa	tatcattgtg	ggggggctta	tagtttttaa	cagctgaaag	600
ttatatagac	agaaaaaatg	ctcaatgagt	agaaaangga	aaaaccttac	ttttaagaaa	660
acgtgattaa	tcaaagagat	attatgcttg	acctcaggcc	atcactttga	actctgncac	720
tggntgnaaa	atggcttncc	a				741

<210> 2801
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2801

gggnmtntan	tatcagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagcctctga	tcatcaagac	atggcagaat	aaaaagacaa	gtcacaggct	agctgaagat	120
atgttgcaata	cataaatcca	gcaaagactt	atatccagag	tatataaaga	agttctgtaa	180
atcagtgaga	aaaaagacaa	accccccaat	taagaatagt	caaaagattt	gaacaggcac	240
ttcacaaaag	gggggtattg	aaatggccaa	taaacacata	atcattactt	atcacagaaa	300
agcaaattaa	aaacagaaaag	agataccaca	acctcctccc	cagaatgtct	atatggaaac	360
aaatgtcaat	accagggttt	gaccaaaacc	aactggaact	ttcacacatt	tttgctaaag	420
tgtaaactgg	tacaacctct	tcagaaaact	gttttgacaag	atttttgttt	ttgtttttat	480
acagttaaac	acttaactta	tgactaagca	ttctgtcctc	aggtattttac	ccaagagaaa	540
tgaaaatgta	tccaaacaaa	gacttgtaca	agaatgtcac	agcagcttta	ctcaaaatcc	600
tacaaactag	aaagacccag	gtgtccacca	ataggagaag	ggaggaaaaa	actaaaacca	660
ctttggtgna	atctctgcca	gtaaggaatg	aattactcgt	gcgtgtacaa	tatggatgtg	720
tcaaaacaaa						730

<210> 2802
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 2802

```

gtaatagcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggcag      60
aagagcagac atggcagatg cttttctatc ttggtgttga tgctttacgc aagagttttg      120
agatgaccgt ggaaaaagta caggggtatta gcagattgga acaactttgt gaggaatttt      180
cagaagagga acgagtaaga gaactcaagc aagaaaagaa acgcaaaaaa cggaagaata      240
gacgaaaaaa taagtgtgtg tgtgatattc ctactccctt acaaacagca gatgaaaagg      300
aagtaagcca agagaaggaa acagacttca tagaaaatag cagctgcaaa gcctgtggca      360
gcactgaaga tggtaatact tgtgtagaag taattgttac caatgaaaat acatcatgta      420
cctgtccctag cagtggcaat cttttggggg cccctaaaat aaagaaaggc ttatctccac      480
actgtaatgg tagtgattgt ggatattcat ctagcatgga agggagtga acaggttctc      540
gggaggggttc ggatgttgcc tgcactgaan gcatttgtaa tcatgatgaa caccgtgatg      600
actcttgngt tcatcactgt gaagaccaag angatgatgg tgatagtgtt gttgaatgtt      660
nggccaatct gaagagaacg acccanaana aaaaannnnn nnnnnnnnnn nnnnnnnnna      720
aaaaaacctc cc                                     732

```

<210> 2803

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2803

```

ggntcnaatg ctggctcttg tgcntnatgc aggatcccat cgattcgacg gagttgagtt      60
gctaactttt gtccttttcc tcagtttcca gatgagttta ncagtaaagn atgcttttcc      120
caggcncaaa ttgggaatgg aaatcaccta gntccgttcc ctctgacagc tgtaatccan      180
agagctnagc tgnttacttc attagctnng tataagctga cgacagcagt gcccttgctt      240
tatntttgac agagctagga aanaagcctt ctttgttnct gctgtaatca tagttaccct      300
tganctgaaa tatcttacat tnattctcaa gcaggtaggg agagganaaa agacattgcy      360
aaaatnacac ctgaatgcct ggagcatgga agacattctg tccctagcct tttccctntg      420
antttgganc ctgngcccac tatgcccaca gactgagctt tctaaancat ntatngattn      480
atgttattn cctccctana aggctttcag aggatctcca tggccntacg aagaacttca      540
gatccttanc atgctacaga actcancatg atcaggntct cttatttctc taattgatgt      600
aaccacngat nctatgtgtc cttacattca gactcaataa nntncttaaa nttttcctgn      660
anaccaanna gatnctataa aggctngagc cctttaaaac tanangnggt cgaattccgn      720
agnaccagaa nn                                     732

```

<210> 2804

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2804

```

gaaannagct cttgtctttt gcaggatccc tcgattcgaa ttcggcacga ggcagccaat      60
tggaagagat gacttctgtg agatggctgg ctggtgatag gactaagttc tcattgttca      120
aatagagctg ttcaacatca ctgaaacctt taagaaaagc cctgagatca gttattccta      180
caagttaaag tagtagacag atactatcca gctctaagtc tcaactgctc ttttatactg      240
tacttttttt ttgagacgga gttttgctct tgtagccag gctggagtgc aatggcagga      300
tctcagatca ctgcaacctc tgcctcctgg gttcaagcga ttttctgct tcatcttccc      360

```

```

aggtagctgg gattacaggc atgtgccaca acgcctggct aattttgtat ttttagtaga      420
gactggtttc tccatgttgg tcaggctggg ctcaaactcc cgacctcagg tgatccgccg      480
cctcggcctc ctaaagtgcg gggattacag gcgtgagcca ctgcgcccag ctatactgna      540
tattttaaga agttccagca tgttgcatct ctgcatttat cctatatcat taaaagaaca      600
taagttatca tgggtgttggg taaattagcg aaaatcaacc ctttctaagt ttaagggaaa      660
aagtattttt aaaaacaact taatnaaaac ttacactctt ttattacaag aatgtatttc      720
ccttaaatn                                     729

```

```

<210> 2805
<211> 729
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

```

```

<400> 2805
gcatgtggct ctngnctttt ggggaccctc gattcgctgg aattagtggc ttgctgataa      60
tctcatttta taatttggtc agcaatccag cangaccaac tttttaaaaa aattaataac      120
agtagtttta tgaaaactaa gtaagaaaac agtttccacc tatttctgag gtctccttta      180
gaaggagtaa cagacagctt ttatttctct taaagttata aaaatcacia tgcgaagtca      240
caatgaatac tgggaaggga aattactttt gcagagtgat caagtaaatg atagcggggg      300
ctaaactttt ttagtaaaact tgtgaagatt acatacagta aagtgcataa atcttgagtg      360
tcaattcaat gaatttttat aagtaaacac actttgagag caagcatcct aagactccac      420
ttcctccaga attagctgat gttcaggcat aagggtgttt acagggtgaat tcatgacacc      480
tttgactctt ctactgnctc agaccttagg taacatacct gcagctgctt ttctaacaaa      540
ctgttgatca gcaaaaaataa aggggctaca gaaacactca ttttatgctg gtcctctttg      600
ggcttcatgc caagacaatt ctgnggtaaa tgtncagttg actctgattt ggnaatatga      660
aaatcaagtc catccttggg attaaaaaat tttttacaat tgnaattatt attgatggtc      720
atattgggn                                     729

```

```

<210> 2806
<211> 739
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

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<400> 2806
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cggcggtnga gagcatggac tctccagggg cangtnnggc gcctccggag ttaccggagc      120
ggaactgcgg gtaccgcgaa gtctnntact gggatcagcg ctaccaangc tcagccgatt      180
ctgcccccta cgattggttc ggggactant cctccttccg tgccctncta gagccggagc      240
tgcggtccga ggaccgtatc cttgtgctan gatgnnggaa cagtgccctg agctacganc      300
tgntcctnng angtncctt aatgtnacca gtgtggacta ctcatnantn ntngnggctg      360
ncatgcaggc tnnctatgcc catgtgccgc agctgctctg ggagaccatg gatgtgcgga      420
anctggactt cccaatgctt cttttgatgt ggtncctogan aanggcncgc tggatgccct      480
gatggctggg gaacgagatc cctggaccgt gaactntgaa ggngtacaca ctgtggacca      540
aangttgagt gangtgagcc gtgngnttgt cccatgcagg ncnnnntatn ncantgacta      600
catgctggcc ctgcgtttat gggccnaacc tntgcccag nntattatgg ataggacct      660
gaagcatgct acctattggg aatgggtttc acnttccatt gngnacctca tgctncaaag      720

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gccggtaaag cttnaaacn

739

<210> 2807

<211> 728

<212> DNA

<213> Homo sapiens

<400> 2807

gaaagcagct cttgttcttt ctgcaggatc ccatcgattc gcaaaaagtt aaaattttat	60
ttttctctca tgtaacattht tggataattht gatgattccc taatgttggg acccagtctt	120
ttctgtctta ggctcacaac tatccttgag cctgtgtcat gggggatgac tctgaagctg	180
cgtgcaccct gttcattcac attttcttgg cctgaactta gtcactaggc tattcctaac	240
tgcaagagaa gctggaagat gtagtcttcc ttctgaccag ccatgtgctc aaccacaaat	300
tgagtttcag ttattggagg gcagaaagaa tagatatggg gctgctttgt aggctgctgc	360
tccgggacag ctctgctgtg ttatttgaga ttataaattht tccttggctt cccagatgac	420
agtggaaaaa ggcatagtca agacttcaag tgcggaaaat gttggcaact ctgacatgca	480
agttcttttc catatagagc tgagttatgc tggagtattht tggttacaaa gacttcattt	540
tctcacctgt ctgaattcct gtttggattt tagttactct tgatttatca gcatggatta	600
aaaattgaaa agacttggtg ttttaaaatt atatctgaaa tggcagagac agcatctgag	660
gattcctctt gctactataa ggaatgagta attagtttga tttttcttta aatccaaata	720
aataagat	728

<210> 2808

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2808

gnaaancagc tcttgttctt tntgcaggat ccctcgattc gaatcggcac gagacanagc	60
atatgtacca acaatgcatg tttatatctt gtgccatgcc agggggcaaat tcatagtgtg	120
cctgtttcca taagtgtggg gatggaacct tgaaacacag gacatctcat aatgctgtaa	180
gcagggacca ttgaaattga ttccatagagt cttgttctac aacttcttta aaaattactg	240
atthgacagc agtatgtatt caacattttaa gactttctgn ctaattttga gcatacatc	300
ttgactaang ctatgaatta gagattcttt ctttaattta tcagatatct attaatgtc	360
tacttttgag tgggctctgt gcaaggcgct aaaaagccag ttactggggt tctgttccct	420
aaggatcctg anaattgagt tgctaagaat taaatcagca ggcgtgcaat atgactgtca	480
aagcttgacc cctgcttnga ttccctttgt tganacaggt tcttatagga cctggattct	540
caccacatcc tctggctctgt ttaagggaac acaaagggtg agctcaactc tgtgtccagg	600
agtaccttat agtcccttth ccttaactgn gtcnggttca acttgatcca agatcaggga	660
ttagtacaag ctttgtaaaa aaaaaaagg tttatttttt accaaaaata ganccagatg	720
cccttttgaa ggtaaaagn	739

<210> 2809

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 2809

gcnatgcttg	gctacttggt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgagga	60
gagacagtga	gagagacaca	ccatggggcc	tgatatggag	gcacttacgt	ccaccaatgc	120
tgtaacattt	gcattcggtt	acaccctttc	attaatttat	taaatcattc	tccagtgtaa	180
cttctgtaga	attcccagtt	tttgctttta	tgaaattctg	tagttgatga	acctcagatt	240
ttacaagtaa	ttgaacttaa	ctacaggaga	aggaggagaa	gaagggtggag	ggaaaggaca	300
agaaaaaaaa	gcaagatata	actttttttg	gttcccctct	tttaatat	tttctaaaaat	360
tcatacta	aaatacaatc	atttaaaaaat	gcagggtatct	aaaattacat	ataaactggt	420
ccttcgagta	agtcagagaa	tgctatttgc	tcattgttaa	ctgtattttt	agtatcttcc	480
aaacaaaatt	ctcttttatca	aaattatcat	ttgcagcttt	tctaggtagt	ttccaaagt	540
gatgcacgct	tatgggttga	aaggatcctt	cttgacaaag	ctttcacact	cagaaactac	600
tatcaaagtc	agtcagcac	aggaagaaag	aatacactga	tgacccgagt	atgctgaaat	660
aaaagaaaca	taaggngctg	ctgtctgaat	tcacactgga	gtttctttca	ctgggtgtcaa	720
gtgggtgtaa	cctatc					736

<210> 2810

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2810

ggatctagct	ctgntctttt	tgccaggatcc	catcgattcg	aattcggcac	gagcattagt	60
atTTTTgtga	tttcatTTTT	tacacttaaa	tattgattca	tgtggaattc	actttgatgc	120
aggggtgcagt	agggctccag	tttaattttt	tttttagattg	ctactcagtt	gtttcagtag	180
tgcttagtgga	ataagccatc	tttattatct	tgagatgtca	cttttattat	gtactgaatt	240
tctctgttta	tgttggtgtc	ttagctgtac	tatgtggtct	cttccattga	tttgtctttt	300
actgggctgt	gtcatactgt	ttttaattat	tgtagtgtta	tatttttagta	tttggtgagg	360
ctagaccctc	ttcaattaac	ttttgcttta	ttttttccaa	aggaaattta	ggagccggac	420
acatatgtgt	gttcatgtat	tttcattggg	aatgcattaa	atatatagat	taatttaagg	480
gatcattggc	acttttgtga	tgttgagtat	gtctgttcag	gaacatggta	tncttttcc	540
atTTattcaa	gtctttcaag	tatttttttg	gagcatttta	aagttggctt	catatagatt	600
tgatattnn	ctttctgnga	aaccaataga	ctncaaaagc	tttantggct	tatggcaacc	660
aaanggttaa	tttctcattc	accgttacat	gccacctgta	ggtcaatggc	agccctgctt	720
atgggttcgat	gn					732

<210> 2811

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2811

gtaanntnnn	aatancangc	ttgttcttta	tgccaggatcc	catcgattcg	aattcggcac	60
gagatccaat	atTTattgag	tgtctattag	gtgccaagca	ccttaatagg	tcctatggat	120
ttgaaatgcc	gtccctgtct	tagatctcac	ggctactagg	aggacacaga	gaagtaagca	180
ggcagttgca	gtacaatgta	acactgagtg	ctgtctgtgt	atgatgctga	ggagggaggt	240
tagcctgagc	cggggaagcg	gagcttgcaa	tgatcggaga	tcgcgccact	gcactctagc	300

ctgggcaaca	gaacaagccc	ctgtcttaaa	aacaaaacaa	aatcttcaga	gcaggcttaa	360
aaaaaaatct	ccctagggga	ataacaatta	cctgccttct	gtaatcatgc	atgtattgtt	420
acaatgaatg	ttacaaagtt	ggttacgtga	tgttcattgt	tttaaactga	gttattgtca	480
ttttcactca	gattctgcc	cagtaattct	gaaaggggtt	aattgaaaat	attttctttc	540
tcagtttact	cgtttactca	ttcattcata	taaaaaaatt	gcttaaaatg	tcaatcatcg	600
gctagacccc	atacccaaag	ccaataactg	gcctcaagaa	tttacaatct	agtgaggaag	660
acatgttttag	acaggcatta	aaaaacccaa	cctagcacca	agctatgtag	aactcagaga	720
accattnatt	gaagt					735

<210> 2812

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2812

aaacaagcag	cncctgttaa	ancctcnn	gcnggaccca	tcgttcgaat	tcggcacgag	60
gacatacgag	aagaaattaa	atgtgacttt	ttatttaaag	caaaacaccg	aattgctcat	120
aaaccgcatt	ccaaaccaa	aacttcagat	atTTTTgaag	cagatattgc	aatgatgtg	180
aaatccaagg	atttgctagc	tgataaagaa	ctgtgggcnc	gacttgaaga	actagagaga	240
caggaagaat	tgctgggtga	acttgatagt	aagcctgata	ctgngattgc	aatggagaa	300
gatacgacat	cttctgaaga	ggaaaaggaa	gatcgtaaca	caaatgtgaa	tgcatgcat	360
caagtaacag	actctcat	tccttgncat	aaggatgggtg	caggtcagaa	ccattcaatg	420
gncaagtga	tagtcagntg	aacnggtcag	tgaatgggtc	caggctttac	ccagtgatga	480
tgatgatgat	gatgatgacg	acgacgacga	ccacattgac	gacgatgatg	gngatacgcc	540
atgangcttt	aagggttgga	gaaaattcta	ttcccacaat	ttattttcac	atactgggtga	600
ccctaanagg	gncccaaata	aaaccgggaa	gaatcccnct	ttnaaaaatc	cctggnaagg	660
aaggaagaaa	gccnaaccgt	aancnaaaga	acaanccctg	gcaangggca	cttntggccn	720
agaactggcc	gaccaatnan	gncg				744

<210> 2813

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2813

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acgaaatagt	gacatgcact	tattagatnt	ggaatctatg	ggcaaaagtt	cagatggaaa	120
gtcgtatgtg	tattacgggg	agctggaatc	caaaatcccc	acattttcaa	gttgtaaagt	180
aagaaaactcc	taaagataaa	gtcctgttta	tgaccacagc	tgtagatttg	gtaataacag	240
aagtncanga	gcctgtncga	tttctcctgg	agacaaaagt	ncgcgtntgc	tcacctaagt	300
aaagattatt	ctggcccttc	agcaaacgta	ntnctactga	aaattncttt	ttgaaactaa	360
aacagataaa	gcaaagggag	agaaagaata	atactgacac	tttatatgaa	gttgtntgct	420
tggaaaagtga	atcagaaaga	gagaggagga	aaactacagc	cagtccttca	gttcgcctgc	480
cacagtctgg	atcgcaaagt	tcagtgatac	cttctcctnc	agaagatgat	gaagaggann	540
ataatgatga	acctctnctg	agtggatctg	gtgatgtatc	caaagaatgt	gcanaaaaaa	600
ttctttgaaa	catggggaga	actgttgtca	aaatggcatc	ttcaacttgg	aatgtgaaga	660

cccgaancan gttggcattc cttagtnagg aaaccgtgtn ccttgaagct cttcnangga 720
gaagtctngc cacctgcttn ccangg 746

<210> 2814
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2814
ggntttnaaa tncagctact tgttcttttt gcaggatccc atcgattcgg gagaccaggt 60
gggagccact cacagaaatc agtaacatga aaaccacagc cacaaaaacca ccactgtcac 120
tcaacgcccc tcatcacggg caggacagtt ctacatcatc tccctccggc ctgaggcttc 180
ccaggcagtg tgggaagggg ggctgcatct cctggctggg gttcacacct aagtttcctg 240
aggccaagc tgacctggaa agtttctagt gagtggcaca tctgtccca acaaggggaa 300
cacgggcagg atgtgcctgc accctgggaa aagtgtgtgc tccgcacacg gggaagaagt 360
tgtctggggg acagaggagt tccaggtagc aaacacaggc tacagggcaa gggttggaag 420
aggctggcag ctggatgtga gacagccagg tgggaagggg tccccaggcc cctccagccg 480
gcctgtgcac tgggaggggt gcacactggg gtggagccca cagagggttg tgccatttgc 540
ggcggggaga acctgccctc ctcttcctgg gtggaattca atctgtgagg cangaagccc 600
atggcaggaa acacactatc ttgctttgct ganggtctct atttcccttt ttttttctt 660
tttgcccaat aaatcccttt ttctacttct tcaaaaaana annnnnnaaa aaacttgagc 720
ctntaaaaat 729

<210> 2815
<211> 711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 2815
caagctcttg ttctttttgc aggateccat cgattcgctc tcactagccc tgggcacttc 60
ccactgcctt tgtggacttc tgtttgctct tctgtagaat gggataacag tgccagtcct 120
gcttactatt tagggttatg tgatgcttgc agatgtacag ggaaagcacc gctgatggga 180
gctgctgaag tttctagggg aggtgaaggt ggcgcctcct cccctgggtc aagtggtaga 240
tggtgcaggg agaggagaat ttcattctgt ggcagcagct gatagattcc aggtctttaa 300
tactacctgg gaaaccttaa caaagcagtc agtcacaaaa actgacctag cttctgagca 360
ttgctaacca tgcttttaga gaaacaggag aattgcttga acccaggagg tggaggttgc 420
agtaagccaa gatcacacca ctgcactcca acctggacaa cagagcgaga ctccatctca 480
aaaaaaaaa attgtgttgc ctcatacgaa atgtatttgg ttttgttgga gagtgtcaga 540
ctgatctgga agtgaaacac agtttatgta cagggaaaag gattttatta tcttangaa 600
tgtcatcaa gacntanagc ttgaatgtga cgttatttaa aaacaacaac caagaaggca 660
gaccnggata tactngaaaa aggatgcttt ttttttttta cctccctctaa c 711

<210> 2816
<211> 739
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2816

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tgtgccataa	attacagtga	cctttaaaat	ctcgcttggt	cactgctgaa	tgggtgagaa	120
taggcttggt	tccagttttt	aaggtcacac	tgtcctaatt	tgcaatgcat	cacaccatgt	180
actaagttgg	taacaaccgc	ttagaggaaa	gctttcgta	tgcaagggag	aacatcaaaa	240
agggcactta	tcccaaata	atgcagcaat	ttaaaccaaa	gatgtttacg	cagggcaaga	300
acaaagtaag	gcaggagttt	ggggtcaact	aggctgatgt	ctttgaacac	ccatgagctc	360
actggaaggt	ctgaatatct	gggtggccgat	gggctcgggg	tgtctcgta	ttgcttagaa	420
gcgaaaatta	aatgctgagt	tatgtgggtg	aaaatatgta	tgtttgcaat	tacacatgga	480
atgtaaacca	aagatacaat	tctaagcccc	ctaaccacta	aatggatccc	tnctctcagc	540
caagggcatt	ccaaagttaa	cctgaaacac	tagttcangc	tgtgatggaa	atgagtgggt	600
gggacatgcc	ttcatggaag	gaattcagac	acaactgaac	agcatgaaca	ttcaaacngg	660
agaccttaag	tctacaaaac	cagactcttt	gtagccatta	agatgcttga	tatgacagaa	720
agggcctgaa	agcaatana					739

<210> 2817
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2817

gtnnnttttn	tatccctttc	nanttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagagta	aattcagtgt	ttctgttgcc	gaagagtgtt	tattggttct	ttcactttca	120
tttcataggg	ccctttcttc	tactggcatt	ctcactttga	attactaaga	agtttcttct	180
aatatccctc	tatctccttt	ttctttctag	ttttagataa	agctgtcaaa	agaacagtta	240
tcatagaaat	agaaacattt	aaattaccgg	cacgatagct	tatttcttgc	tgcaaccatt	300
cagaatatct	atgtgtcact	gccttgggtg	ctttgaagtg	aaactgtgct	tagatataaa	360
aagtttaaaa	ctcactttga	ttacatgtta	agctcacagt	ttttacactg	cagttctga	420
atthagttcc	atcaaaactg	tatgactagg	ccacatgtga	tggctcatgc	ctgtaatccc	480
agcacttttg	gaggccaagg	cgggcggatc	acctgaggtc	aggagtttga	gaccagcctg	540
gccaacatgg	tgaaccctg	tctctactaa	aaatagaaaa	attagctgga	tgtggtgggtg	600
cgtgcatgta	gtcccagctc	ttgggangcc	cagcaggaga	atcacttgaa	cccgaangt	660
ggangctgca	ntgagccaag	aatgcgccac	ggnactntac	ctgggtgact	ncatctcaaa	720
aaaaaaaaaa						730

<210> 2818
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2818

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tttgtgggggt ctcatacata actcagtttc cacaaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcctttgct gaccagggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360
actttttaga tccagcacca aaggcaggat ccaggaaaga aataattgat aagctggact      420
tcattaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc      480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa      540
atatacaaag aattttctaaa actcaataat ttgaaaataa acaaccaat ttaaaaagtg      600
ggccaaagat cttaaagac gcctcaccaa agaagatncn cagatggcaa ataagcatat      660
gaaaagatgc tnccggtggg cacngtggnt acgcccgtaa tcccacactt tgggatgcc      720
aggcagn                                           727

```

<210> 2819

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2819

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gtnnnnnnnnn nnaatgctt ggnnnnntcc ngaccntctt ttgaattcgg gcacgagggtg      60
agatacctgc ccctactttg ccttcttcca tgattggaag ctctctgagg ccacccaga      120
gtcagaagcc gctatgcttc ctggacagct tgcagaacca gtattcactg actgctgaaa      180
ctagagcatc actgagaagc aagagataga ctgacctaac tagagggaga gctgccatcc      240
aggatgatgc caccatcaca ggaggtgaga aggaacacag catcttctgc aaatgctaca      300
gtaaataggg acgggggtgca gcaatgtgag gaaagtggaa tgaacttgga ctttgaaggc      360
aaactaacct ggaatcaaat actggctctg ctgtttgcaa gtgtgatctt tgggtatgct      420
tcctaactctg tgagcttcaa ctccctcctc tgtaaaccac gatcaaagac aaacagggaa      480
acctacttgt ctggtgccca tccccttggc agaacactcc tctgaaggat gacagtgttg      540
ctgtgccagg gcaganctgn cgacacccaa tgagccttca tagcaactat ctgatgagga      600
actcactggc ctacctttcc ttgacagctn gggcctgcca ccttgaagca tgacttcaca      660
acgnccctac ccaangcat ggangttgct gctgatgagc aactggttat atttaatcca      720
ggttctgctn                                           730

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<210> 2820

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2820

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ggnttttnatc agctcttggt ctttntgcgg atccctcgat tcgaattcgg caccaggcct      60
tttgtgggggt ctcatacata actcagtttc cacaaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcctttgct gaccagggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360

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acttttttaga tccagcacca aaggcaggat ccaggaaaga aataattgat aagctggact      420
tcattaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc      480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa      540
atatacaaag aatttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagtg      600
ggccaaagat cttaaataac gcttcaccaa agaagatncn cagatggcaa ataagcatat      660
gaaaagatgc tncgggctgg cacngtggtt acgcccgtaa tcccacactt tgggatgcca      720
aggcagn                                           727

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<210> 2821
<211> 733
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

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<400> 2821
gnannnncta atgctcggtt ngttcttttt gcaggatccc tcgattcgaa aaagttgagt      60
atttatatgt gccagtgtgt atcatgctga atactttatc tggatggtgt tatattatcc      120
ctcctataga ctattgagtt gactactgtt attagatcca ttttaciaat gaggaacta      180
tgagagagatt aagtaatttg cccaagatcc cataataaga aggcaagtgt cgaatgccag      240
gcattctaac ttcagagtcc atagtcttaa cccttgtgct attctcttcc acaaatacac      300
ccagcaggta aaagactgag aaaaataaat atcaaaaagt accttttgaa attgactaca      360
tgaagttacg aaaacctgag ttgttttgtg aaagcgggtga gtacaaagca gtattttgga      420
gaggggtgtg caggggaatcg gagatgaagc tgtgtgctga aaaggagaga agaaattaga      480
ggaaggggaat ggtggcctta cagagaaaca gacttgaagt gatgtgaagt gtttgcgctg      540
ggtgaatgct ggcaggaata agtgagcagg gagcgagtga acaggataag agagatcact      600
tcggagtaaa gccttgaaaa gggagtgtag gaggaagttt ttctcccttt nctgcacact      660
tcctttgngc gtaaaataga aatgtcttcc ttctgaagga ttcaaagaga atgttggtct      720
ttctttcatt etc                                           733

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<210> 2822
<211> 739
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

```

```

<400> 2822
cgcattttta atncagctct tggtctttnt gcaggatccc atcgattcga attcggcacg      60
aggttgtagg cctccttcat ctgttcattg gctgtggcat taggccagct actctttgca      120
cttctgtnaa gtgagacggg cgatcttgct tgccctctta gaggatggct gcagggtgtca      180
aatggggtag ttaggtggga nggcatttca caaagttaaa aaatatgact ttggaggctt      240
gttatattga tgaggattat aatccctgag aattcctggt atgaaaaagg gaaaagaaga      300
taattttgtg aagaaataag tgtccagtta ctagtctttg aaaagggtca gtctgtagct      360
cttcttaatg agaataaggc gctttcagtt gctcagggtc agatttcctt agtgggtgtat      420
ctaatacag gaaanattgt ggttccctcc agtctcttcc tgggggaatn gagcccactt      480
ctcatttcat ttaattagat gaaatagaac tcaaaagtaca atttactgtt gtttnacaat      540
gccacaaaaga catggttggt agctatnctt tgatntgtgt aaaatgctgc tttgtgtgct      600
cataatggtt caaaaaattg ggtgctngct aaagagaaga tactgttaca gaagccaccn      660
ngaagacctc tggttcattca cccccccg ggtatcagga attggcttcn agnggtgtgc      720

```

caaatccngt ttgcctatn

739

<210> 2823
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2823

ggttnaatag	nagctcttgt	tctttntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
atgtcctgct	atacaccatc	cactgccctg	ccccttaagc	ctcacatctt	tcattctctcc	120
tagttccaac	ccatggtctc	cagacgatga	ctctgcctcc	ctgttctggt	agcattcaca	180
gattgccttg	tttagtagcc	tttcacatga	gatccacttg	acagcccctg	tcctcacccc	240
tcctcaaaact	cctcaccaca	ctgaaaactct	tccagctcca	tgagtaggtt	cttgggtggt	300
ttcttcacct	gcaggttcag	gtcaatgctc	agccggggac	tcgacaggga	tgctttgcag	360
gtctctggag	tgctctttgt	gcagtccctc	ctctgtggta	ctctgccctt	gaactctcac	420
tgctttggcc	tccccaaaagt	ctaaaactttg	tctcctcaac	tcagaaagtc	ctctgggctc	480
tgtctgggct	ccccttccct	gtatgtggaa	ttaaactctct	ctgcangcag	gaagtgtggg	540
caatcctagg	gctcactttg	ttatcttccc	atctctcagg	gatcactgtc	ctgatgtcta	600
ttgnccctga	aaccngtgtt	tcattttttt	tctngnnntg	gtttaaacat	tattttttca	660
ngtgggangg	taaatcagct	ttgntactnc	atcttggtctg	gaaattcata	accnaaggtt	720
aactgtttta						730

<210> 2824
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2824

ggttttatatg	nngctcttgt	tctttntgca	ggatcccatc	gattcgcgcc	gccccactcg	60
ccccagccgc	cgccatgaag	gccnggtg	agcgcgtcac	ccgggccagc	gtcacagttg	120
gaggagagca	gattagngcc	attggaagg	gcatatgtgt	gttgctgggt	atttccctgg	180
aggatacgca	gaaggaactg	gaacacatgg	tccgaaagat	tctaaacctg	cgtgtatttg	240
angatgagag	tgggaagcac	tggtcgaaga	gtgtgatgga	caaacagtac	gagattctgn	300
gtgtcagcca	gtttaccctc	cagtgtgtcc	tgaaggga	caagcctgat	ttccacctag	360
caatgcccac	ggagcangca	gagggcttct	acaacagctt	cctggagcag	ctgcgtaaaa	420
catacaggcc	ggagcttata	aaagatggca	agtttggggc	ctacatgcat	gtgcacattc	480
agaatgatgg	gcctgtgacc	atagagctgg	aatcgccagc	tcccggcact	gctacctctg	540
acccaaagca	gctgtcaaag	ctcgaaaaac	agcagcagag	gaaaagaaag	accagagcta	600
agggaccttc	tgaatcaagc	aagggaagaa	aacacttccc	gaaaaggaag	accgcaatgc	660
cagcaacggg	gctnaaggcg	acgttgtntc	tttgaacggg	aaccgtaact	naaganggaa	720
naattantnt	gttattaat					739

<210> 2825
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2825

ggttctatag	ctggctcttg	ttctttntgc	aggatccctc	gattcgaatt	cggcacgagc	60
ctgtgtccag	cgtcctcggg	tcaggggaaa	tgttttgggtg	ttcatgagta	gtatgtcccc	120
cagtgtccca	ttgtgtgggc	gtcctcatgg	ggatccatt	cttctaggaa	gatcctgggg	180
ctgtttccag	ttcgaagcca	ttattaataa	agctgcaagg	aagaaatatt	tttatggatg	240
tggtttttta	tatctctgat	aaatatattc	aactggaatc	attgggtgta	ttgggccatt	300
ctcccatgtc	caaaaagaaa	tacctggcca	ggcgcagtgg	ctcacacctg	caatctcagc	360
acttggttgg	ctgangcagg	tggttcacct	gaggtcanga	gttngagacc	atcctgacca	420
acatggcaaa	accccatctc	tactaaaaat	acnaaaattg	gctgggccgt	gggtgtcagg	480
tgctgtaat	cccagctact	tggaagactg	angcaggaga	ctcgcttgaa	cccaggaggt	540
ggangttgca	ntgagccgag	atagcaccat	tgcactgcan	cctgggcaac	aagagccaaa	600
actcttgttt	gaaaagaatt	caaaaggaat	accttgagcc	tggtgagccc	aagaatgnac	660
tactgnactt	ccagcctggg	gtgacaanag	tgagactgtc	tcaaaaaaaaa	aanaagggga	720
ttttttaaaa	aaaagccctt	ttgaacn				747

<210> 2826
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2826

gggtttaaga	tcagctcttg	ttctttttgc	aggatccctc	gattcgactc	aaagacacgt	60
acatgtttgc	cagcacctgc	tcctccaaaa	tcttgccggg	cattgcctta	aaggaagggt	120
ttcattttga	ggaaacatta	actggcttta	agtggatggg	aaacagagcc	aaacagctaa	180
tagaccaggg	gaaaactgtt	ttatttgcac	ttgaagaagc	tattggatac	atgtgctgcc	240
cttttgttct	ggacaaagat	ggagtcagt	ccgctgtcat	aagtgcagag	ttggctagct	300
tcctagcaac	caagaatttg	tctttgtctc	agcaactaaa	ggccatttat	gtggagtatg	360
gctaccatat	tactaaagct	tcctatttta	tctgccatga	tcaagaaacc	attaagaaat	420
tatttgaaaa	cctcagaaac	tacgatggaa	aaaataatta	tcctaaaagc	tgtggcaaat	480
ttgaaatttc	tgccattagg	gaccttacia	ctggctatga	tgatagccaa	cctgataaaa	540
aagctgtnct	tcccactagt	aaaagcagcc	aaatgatcac	cttcaccttt	gctaattggan	600
gcgtngncac	catgcgcacc	antgggacag	agcccaaaat	caagtactat	gcagagctct	660
gtgccccacc	tggggaacag	tgatcctgac	agctgaagaa	ggactggatg	actggcantg	720
cttttgna						728

<210> 2827
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2827

```

gtnnnnntttt gaanccttgc nnttncccttt atgcgggatcc catcgattcg tgggttgact      60
cgctacatca gctcagactt ggctgtgggt ntnccttgt gaattgttgt ttccacatgt      120
gtgttgcttc atttttggct ctccgttgtc cccatcacct tcccgctcca ccataggggt      180
tagggatatt tgctgtgtgt tcaaatagaa catgaaagaa gcctttttaa agtatctctg      240
tgctatttca cagtcacctt aattttatta cagtttttac gttggtttaa agagtatttt      300
ggtttgattt atatggaaaa cttctttttt aacattatag taacatagat ttttaaaaaa      360
tgaaattcta ggaaacaaat attatagact agtttagatgg caaggagAAC aggagtttta      420
gaactaactt ttaatctcca taggtactag ttgtctggac tagctgagtc atttcatctc      480
agtaatactt ggtagtgctg tgaatagcag atcttgcacg cacagaacac agcccagtac      540
ctgcatgtga caggcacttt attttctggg aaagttaagt acagttgacc cttgaacaat      600
gtgggggtta ggggaaccaa ccttcacac agtaaaaaat ctgggggtgaa cttttgactt      660
cccaaactta acttctaaca gcctactggt tactggaagc cttgctgatn acngaaacag      720
tcaattatc                                     729

```

<210> 2828

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2828

```

ggttttntgg nnggggggtt tcaacnngg ctcttgttct ttttgcagga cccatcgatt      60
cgaattcggc acgagcatca gtatgcttat ggatttgatg acaggcatag cctgggcata      120
tcacctcatt ggtaaagggc tagagccttt cttttttatg gcacttcttt ttttgagata      180
gggtcttaact ctgtcacctt ggctagagta cactgggtaca atcacggctc aatgtaggct      240
taacctctctg ggctcagggt tatgtcacta tgcccggtca ctttttgtat tttttggtag      300
agacggcttc gccacgttgc ccaggctgca agcgatatgc ctaggctcaa gcgatctgcc      360
cacctcaact tccggaagtg ctgagattac aggtgtgagc cactgcaccc agcctttgct      420
ttatttttta ttttttgaga ggtatgattc tttctagaga ttttttctca tggtactat      480
tagatcagga atgggtgatt ggagattatt agattctagg ttaacttcta ccactttacc      540
ctaatacata aaactttttc ctaaataaat gatggaagga atnaannna ncnncnctnt      600
nncnctant acaaaancnc tagcccttan aacntttngn nagctnnntt nncctnnntn      660
tccntnntc nnncccnnc ctnnttntnc cnnctnnct cnancccccac nanttncnnt      720
ntnnnctnnc naatanattn cncnctnnc tctcannnn ctnntcnnnn ctcnn                                     775

```

<210> 2829

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (725)

<223> n = A,T,C or G

<400> 2829

```

tcttttatnn gangttngga agcncaggag nctcnntcgt tcggacaaat cacttaagga      60
gaaagtagaa aaaaagctgt atttttcaaa gaggtattct aatcggcaag acaatgacca      120
accattacga ccaaccatta tgagaatata gcttagggac gtttgtgtc agctcctctt      180
ttaccaatg tcaatgctg cctcagtgt ttttctctctg gaggagagtt ttgtggatgc      240
catctttccg ttacggaaaa ccantggagg aatgggcagt ttnttgccat gaccacccat      300
catttaaaca antggngttt gagttcagaa ataagctcat atatacttga attccatggg      360

```

ttaaataagc cattgagtta aagtgggtang aaattaaagg tagaaaatag aagaataggg	420
tgggcttggt ggcttatgcc tctaattcca gcactttggg aggccaaggt ggaggatgac	480
ttgaggccag gagttcaaga ccanccttggg caatatggtg aaaatncatc tttactgaaa	540
ataccaaaaa nattagatgg gcatngtggc ctgtgcctgt aatcccagct actacagaag	600
cttgatgccc cagtattctt tgaaccttgg angttgaagt tgcantgaac ccaagatgcc	660
cactgnactg ganctgggca atgaagtngn accctgnctc aaaagaaaaa aatnttaaac	720
aactn	725

<210> 2830

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2830

ctntngggcc cntagnnggg gctttcnata nggggggctg gtngttctnt ccgnacgatc	60
ccnncgntgt cgcagngttt tgagcagagc aagtgcact atcagtactt aagcattaaa	120
agaattgtcc aatgaatggc tgtgctgaaa atatatnnga ggtaaagtaa gctagaggca	180
ggggtattga aatcaggcta agagatgttt gtggtttgaa ttaagtggta gcaggagggtg	240
ttaagaatta gtcacattgt gtatgtattt tgaaggtaaca accaacagga tttccaggca	300
agatagagtg tgatgtgaaa aagaaagaaa ggagtcagta gtgactcang agtttgtctg	360
agcatccgaa gtgtggaatt tcatcacatc ctganagggtg aaagaggctg tangaggagc	420
aatatgtggg aaagatcaga agttcagttt nggacatgcc aaatattact tggccaaatg	480
gttnggggtg atgatngggc gatcntgagt catccctnat aaaatcggca tgcanatngc	540
ntttaaaaaa ctccagactg gntganatcc caagttgttc gattgnaann acngngnnct	600
cntttgnnan tgctccnccn tttaaagcca cttttgggga aaccnacca agggacantg	660
naccatnncn nnattccctt gggnaaccc ccncnaaagt aaattanacg cnaggccntc	720
nntccanccn ntcaaaatnc tttntctna cntccancac nctttttant caaaaatttn	780
nctctccnt atannccnnn ctnggcnttc tttcnccanc tttnggnnan ctntnccnc	840
t	841

<210> 2831

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 2831

cnnncnntcn natgggnnnn tgtanggnct cctccaatct cctggctgcn cctgantcgc	60
ctaaacanaa aggctggggc gaattcggca cgagattaaa gttgaagcct ntctaatttt	120
tgaagggtga gcactttggt tattcatggt tttatatgac gatcatcttt tatccatcgc	180
tgagttatc tattttgact tgaattggag gcagagctcc accaccccag tgtgtcgtct	240
gatttcccag actanagtcc agcctttcct gtgcttgctt ggcttccctc catgtngctt	300
cctacccac catctatacc cttcacatcc aaaatccaaa acctcacact catacgagaa	360
tccctgntag ggtcgtnta tatttacaca ctaaaaatct ctaattttga atttgtttgtg	420
cctataaagg aataccanga ataccttaaa gttataattg attnattagc atctatttta	480
ngtcatnctt gggggantga tggaaagaat ccacatagac tccaganaga tggncnangn	540
gtttacctgc ccagccttga aacatttcct ctttcctcac annggatggg ctctcccata	600

antaanttca	tngggccccc	naagctntaa	agnaaaaant	aaagtgtctt	tctcattttt	660
aaaaaanngc	aacctttgcc	tgttcaaaat	atgtccaatn	cgaanccccc	naaaatgttt	720
aaaaangcnn	tctntgggct	cnaaatggng	gttcaanggt	ncnnccctgac	ctgncnnttc	780
tgcncaann	cattntccnt	cct				803

<210> 2832

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2832

tnngnggggtt	tngggggcctt	tcnaaatggn	gtcancgctg	gctntcngca	agatcccatc	60
gattcgaatt	cggcacgaga	gaaagcctta	cgtgtgtgct	gagtgtggga	aggccttttag	120
caacagggtcc	aatttgaata	aacatcagac	aacacacact	ggagacaaaac	cctacaagtg	180
tggcatctgt	gggaaaggct	tcgttcagaa	atcagtgttc	agtgttcac	agagcagcca	240
cgcttgagag	aaacagtgtg	agaaaacccc	cctgagggtt	gggtctgatt	gtacactgtt	300
gcacgcatgc	agcagaaaaa	tatgtatatt	attgtaaaata	gaaatgacca	catcagaatg	360
tcacacatgg	ctgttctgga	gagggcctct	gagaaggcac	tgaatgaggc	gagggaccct	420
tcctacattg	tcaccatccc	cagtaaacct	tgggtcatta	ttcatactga	caaggaaccg	480
agtcaatttg	gtgaatagga	aaagccttct	catgaaaact	acaatagaat	actgttacca	540
aattcttcat	angaaagatc	atattatggg	aatgataatc	ctgttactgt	ggattaggtg	600
tagtgccaac	agtttgaatg	gtaagacaac	ataatatata	tgatagtgat	gaaaaanaaa	660
aaaaaaaaaac	tcgagcctnt	agaactatag	tgagtcgtat	tcctanatcc	agacttgata	720
ggatccattg	ttnanttngg	caaaccncca	cttga			755

<210> 2833

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(883)

<223> n = A,T,C or G

<400> 2833

nngtggnntt	ngtgggcttt	cnaattccnn	taatcgctng	ctntccgcaa	catcccatcg	60
attcgagcaa	gtcagcaa	gtgggagatg	gaaaactggc	ttcctncacc	cacctaggtt	120
ctttggctgg	gctacaaatt	aatggacat	aaaatagatt	aacaggagaa	aaaacacagn	180
aattatgtgt	atatgcctgg	gagtcccaca	aaatatgaga	ctcaaaagaa	gggtccgaag	240
aggggaagctt	atatagcccc	ctgagccaca	gaaaggaata	gggacctggg	gcttctgggtg	300
gggtgggtgg	acaagttatg	gaagagtgg	gggaggaagt	gtaggggtgag	taaatgtggt	360
cttgttatgc	ccataaaatc	tcttggtaca	tcacagntgc	ctggagcanc	cncagtcctg	420
atagagatac	tttactaatg	tagattttct	tgatggatat	cattgtgttt	tacaaanggg	480
cagcttttna	nagccactcc	tgtgtctgca	atcttctcag	nataaaccag	cccccaata	540
ttgacaagggt	nttagtttgg	ggtgngnaat	atncctggcc	ttccctacca	ngttngcnat	600
ttttnggggg	gttgggtaat	ttgctncccc	gaagnccccc	caaaccacc	angnaaanaa	660
aggggaagggt	ggccaanntn	nnggggaaaa	tttttaaagg	naaatttttt	ccagggnattn	720
aaaaggccat	ttcctcnaat	tttttgggna	aangggaanc	caagctnngc	angggnaang	780
gccttgggaa	cccaannant	nagnaaaaag	gtnnaaacct	ggcattttng	ggaaaanaat	840
gncaagtttt	tggaaaaaaa	cccnnttgta	ncaanngttt	tnt		883

<210> 2834
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 2834

tggttnttng	gggggnnttt	ngntcgancg	ctntnngcct	ngtcengnecg	cngganccca	60
tcgattcgga	aatatacttc	cttaaagat	ggncattcct	aaatccatct	aggaatgttg	120
gatgtatcta	tctatctatn	tatctatcta	tctactgnat	taagccccnt	ctcaaaatng	180
tagggtcaga	agtatggacn	gataattcat	aatcaagttc	ttnttcttta	tgcccagaag	240
tctgnatnct	gencagactt	gcntaccctt	agctgcgcta	aagntcanaa	gntttgagcn	300
gccactgaag	tattgactgt	ggagaggcgg	tgtatnccctg	ttaccaatga	ngngcctttc	360
tgtccaggat	nagccttate	ggnanttnen	cnaggaagtt	gcattngcntt	cagtccatctt	420
nnggettana	gecnecggc	nnencacgtg	ttccttattt	gttttgacgg	agnggtcttc	480
nngetcnatn	tctttacnct	gattctgctn	tttcactnan	gtgnnccttc	ctcannntta	540
ttnagtccaa	aggnngaata	cnggggtann	ctatnnnggc	nannatcttn	ntnttctngn	600
aatccncttg	ggntctata	ccnttgctct	caccnancct	ttttaacccc	tcttactctc	660
tcctttaana	atanacctcn	ttntatctcc	ncttnnnacn	ttataanttt	ngnattgggn	720
cnanngggga	atcttncana	ctagtcctan	tgatnntctc	tccgtcctta	ntctntnttt	780
atncacannt	acnctgnagn	tnnaananca	accntctcng	ggngnggccc	cttctttnan	840
aganaaccct	ntatntnagt	tnngaangng	ncccggtctat	ntttatcccg	gttangnnaa	900
ttccccang	gcacctcttg	ggaatttaan	gggatncccc	caatttnngn	gatctggaaa	960
gtnttttngg	ggggcacctt	aanacncna	cacnaannct	tntgggaaaa	ttggccann	1020
tgnaaaaaaa	aaaaaaaaan	gggcctctnt	naaattttng	gnnggaaaaa	nttttngggn	1080
gtanctcct						1090

<210> 2835
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2835

tggttnmntn	nanttcgctn	actnaanac	gntccantnn	ctctgtntac	gcnaagcaan	60
cnggcnggnc	taattcggca	cgcagatttc	agcctgggca	acatagttag	actcntgttn	120
ntaaaaaaaa	aaaatccac	aatcctatca	cacagagatg	gcaacactta	gcatttgctc	180
tggtcacctt	tggaagggaac	ttttanatca	atgtcttgct	tctctgtggg	ttcttttggtg	240
actcacacct	gcttctgggt	atagtatgac	tataaagttg	atttcttggg	taaggcatga	300
tctatgagag	gaagctnnta	attngatgan	catcanggta	atnntagctg	ggataccttt	360
tctttgccct	ctccaatcaa	acntgagaag	ttgaaaatnn	aaaattatgc	ttttgaaggc	420
nttgntgtna	acctaaaata	taactcaagt	gatctgtagt	tncccatatg	tgactgtca	480
acagctatct	gcttttcaaa	tcctaaactan	tttcatnaaa	gaaaaccant	ttggagtgtg	540
ttcagcttat	aattngnaag	ctagacatga	aagnttnnaa	aagccnttnt	agcctagacn	600
acntggcccn	catnttttng	tnanntctng	cntnttgggg	acttgnnncn	tgctaacccc	660
antaccnccc	atcntgcnn	ctcctnttaa	antgcctttt	gaaagngggc	aaaacnngan	720
tagnaccnnt	tanctntca	aaaggttgnn	nngttncttg	caaaatggaa	gccnnggcct	780
tttaangggg	cggncctttc	ctttnc				807

<210> 2836
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2836
 gnnnnnnnan ggggggtttc antctnnctg cagccgtttt cgttcttttn gcagatccca 60
 tcgattcgaa ttcggcacga gaccaaagct gctggagcct gaggcagaga accagaggcc 120
 ggaggcagac tgcctcttta cagccaggaa tctcagagga tttgaaaaag gtgaaggaca 180
 ggatgggcat tgacagtagt gataaagtgg acttcttcat cctcctggac aacgtggctg 240
 ccgagcaggc acacaacctc ccaagctgcc ccatgctgaa gagatttgca cggatgatcg 300
 aacagagagc tgtggacaca tcttgtaca tactgnccaa ggaagacagg gaaagtcttc 360
 agatggcant agggccattc ctccacatcc tanagagcaa cctgctgaaa gccatggact 420
 ctgccactgn ccccgacaag atcagaaagc tgtatctcta tgcggctcat gatgtgacct 480
 tcataccgct cttaatgacc ctggggattt ttgaccacaa atggccaccg tttgctgttg 540
 acctgaccat ggaactttac cagcacctgg aatctangga gtgggtttgtg caactctatt 600
 accacnggaa ggagcangtg cccagagggt gccctgatgg gctcttgccn ctggacatgt 660
 tcttgaatgc catgtcagtt tataccttaa gccagaaaa ataccctgca ctctgcttcc 720
 aaactcaggt ganngaaatt ggaaaatnaa na 752

<210> 2837
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2837
 cnaatcgntg cgaattcggc acgagcctga acctgcccat ggagacagtt gtnttgaggg 60
 ttgccacaca cagtgagggc ggagcagggg ggctgagggc acaggtgcct gggctctgtcc 120
 cacggggcan ggctttgggg ctgtgatgct ctgggaagcc agcttgggtc ctgggtctac 180
 agagggccct ggccccggag cccagccagc tctgcctctc tcagggcctg gagtccctggg 240
 ggagctcagc cagctctgcc tttctcaggg cctggagtcc tggatgaatc ctgcaggttt 300
 ttgggttgca ccggcccagg gaggaagccn ngggtttgtc angtgggctc tctggagggt 360
 cctcnagtgg canggggtgac gaggggatta tntgangcat ctgganatgt atatcctgtg 420
 gmntnccctg cccctctgnt tccgatgaag tgtaccgatg aatgaccttg actaaaannt 480
 nagtttgcca cananaaaaa angggaggnt tantgggntt cnaaaatcaa gnaatggtng 540
 caacctnggc cttcgcagaa tggaaantac naaanacggg gnaagatcct catgnccatt 600
 tcccatggnn ttggncaggn ttttggaggn attctnnggn cccggcaaaag gccccatttn 660
 aaanttnatc tagncnggna ccnggnctat tncngnctaa ggggnnttgcn cttntccttn 720
 aacncatnga atcccttaaa tnannt 745

<210> 2838
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 2838
 gtngnggnag ngatcgtgan cccctcncct ttngnccagg cancccatcg attcgcaaag 60
 atctaataag tccacaggatg ggggangttt ttgggaaagg tcnggattag cagagttgcg 120
 gcagaaagaa gtagaggga atatcttana aggcacttgg acagaatggg ggtgatataa 180
 aagatgtatg ctgacattnt ggttttggcn cctagaaaat ntagcanaaa gngagaatnn 240
 gtgccataca tccngntctg caccctaata tggaantttg ncnttccaca cnagnnttcc 300
 tncacaatta acctntaagg catttnatgc cmntgcctcc acancnngga anagtacgac 360
 aaacntecta nangactaga naaaatngcc cmnttcagan acattancag tacgtgtggn 420
 tagaactaaa atggctcnca ggctcatact ggnagtgan aggnatgcag anaaaaanga 480
 aaacccccc can gtgtcantga ctgtgaacag gcctantnca gangcnctta ttngncaatn 540
 gcccttaaga nattgcccc angannacc tgannacccc ccggaattgc cggaaaagaa 600
 tacngatgag gagctnacgc ttatgngaag atgnatnaac cctatgttca gtgtaaacgg 660
 ggntacaatn cnccaaanag cgnantcaa gaacnagcct tcccgnnagg cnatcccaa 719

<210> 2839
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2839
 cngaangntg tgatgnatgt agnecgttccc naggaancca ngcgattcgg nttggcgaat 60
 teggcacgag cccagggtgc tatccacttg ctagnatttn ntcagagag ttagatacca 120
 gttttctgct ggaaatacag aacatttccct gaaaccgtgt ggttgagggtg aaacaggcat 180
 ttgtcagctct tatattttga gtaaggccaa acctgcctag tgttataaaa ctagacaaaa 240
 aacccaggta cccgggtctg caggatagaa atgtgtgact aaaatgaagc atcgatctga 300
 gaagactaca aattagcggg aacctttgga caggagcatg ctatacatta cttagattaa 360
 tggtgatatt taaggagcca ngatnttgat nngtntttga ggggtgcccc tntacttcat 420
 ataagaggct ataaactgna cttctttcag ttantgctta atccnagctc aaacaagaaa 480
 taattgctta ttccaaagta gacattggna catctttttc taggnacgta atctgngatg 540
 aagtctgata aagctcctta agaaattctt atagtacacc ctacacaagan tgtattcatc 600
 taccctgggt ttaaaccnga aaattaaaaa ttntaaccct cgnnggagaa aatttaccaa 660
 agtntttaat ggggtttcagg ncccttaatt aaaaaaactt tttaaccctt ggccttggaa 720
 ccccttaaac cttaattnat nggatctnaa aaacaaatgg gntttnttgn nngaaaagtc 780
 nnantc 786

<210> 2840
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2840
 tttttgngtg tgtgggtgcc ctencctann ntgcaggatc ccacgatcc gctggaagggt 60

tactgcaaag	acagcctggt	gaaattgttn	tnagtacaga	ggctttaatg	ggttctttga	120
ggtcaggtag	aggttatggg	gggagcacta	cagtgcagcat	atacccaaaa	tgaagccaga	180
cttccaaggt	acgttctcac	tggagaggga	gcttaatggt	aaagttaa	ctttaagggt	240
ttaggtttta	gattaaggcc	caggagatcc	aaggggaang	aggagggtag	gaaatcanan	300
ataagaggag	ctgttgatcat	cgcaggtata	gtataaatta	anatatgtta	aactttcata	360
ggattttgca	tttatttcat	cagntttttt	ttctagattc	ttaaatctgc	atatactaa	420
atcttataaa	tttggggaaa	tgtacacatt	tacatggtac	atttactca	atcttanagn	480
ntggctnttc	ttgtgaaata	gaattaaata	tatgtgagta	aatcaagacc	cctaaccatc	540
attaatgtat	tatttggtta	tttctggcca	aggcccttct	tgattctttt	aaagtgtgct	600
aagcccattt	tcttcattac	atccctctta	ttttttgtgg	ccaaattnac	taaaatntan	660
gtatcttttg	gtggantttc	anatttttga	aacctacctt	gttttgaaaa	tncatctttt	720
aaaaacctnt	tttccaaaa					739

<210> 2841

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 2841

agnttttnaa	tcctttggcc	antcgcncct	tntgcangat	cccatcgatt	cgaattcggc	60
acgagaaaaa	gtnaagcttt	tcatgagcac	anntnccttg	cattgttnga	tgttactgat	120
attcgtaaaa	tgaatatattt	ctgttttggt	ctgttnnatt	tttttgagac	aagtcttgct	180
ttgttgccca	ggctggagtg	caatggcatg	atcttggtc	actgnaaccc	ctgccttgcg	240
agttcaagtg	attcttctgc	ctnagnctcc	tgagtagctg	ggattacagg	cgctcaccac	300
cacaccacgc	taatttctgt	cttttnagtn	gacacagggg	tttaccatgn	tggccaggct	360
ggtctcaaac	tnctgacctg	aaactnctca	caccngtnat	ctcagcactt	tgggaggctg	420
angtggaag	gatcacttga	agccatgagt	ttgagaccag	cctgngcnac	acagcngaga	480
ccccngtgnt	gtacaaaagc	ttncnacatt	tanctggctg	aggagttnct	caccntaac	540
ttccancnan	tcnnttaagc	nnanncatnt	tgaacacntg	agcccannta	nggtcgatgc	600
tnntagtnaa	ccgtgactgg	accacttaca	gtccaagccc	gggtngcctt	ataaaagaan	660
cggaaaacat	ttcnttaatt	cgggttnnag	cnttanctat	ttcggaatnc	cttgngtttt	720
naaaaacttg	aatctccaan	aaacagggtt	ttttcttttg	gnccann		767

<210> 2842

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(873)

<223> n = A,T,C or G

<400> 2842

cgtagcgaac	tgancgggaa	atccctcnct	gcaagcagcc	cangcgacgc	gaattcggca	60
cgagacctaa	tttttgagaa	cagcaagccc	tnnttgacca	ctctcttcag	cctgtgtggt	120
ccggctgttt	tgaagtaatc	aaatgctgtg	catggtatatt	tacctgagct	gcaacctgnt	180
atggacntga	acntcnggat	aagntgaaag	caagagtccc	tgagtataaa	ggaaaaacag	240
canaacaaaa	agcaaacnag	ggncaaccgc	gaaagnctaa	aaagncccan	tgggtgangcc	300
cnntaaana	anctagcttn	cagctgtcag	gagctaatac	tctctgnagg	aattgganat	360
gggatnaggg	cgaacaanan	agggtgtaaa	cngtggagct	ggcatgagta	ctgcangcaa	420


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cctgaagaga cttttaacnt antnaccaca gctattnatn atgcggtnng caacaaacca 480
gcaacnatch acaagcgtca taaagaagtt cagactntga acaattggng aaaggtnngat 540
tncagaaccc gncgtcaaaa aagccatcan ncaccataan taaaaaagaa ccncangaac 600
anggggaaac ccngtgggaa naaaggaagt anaanntngc cacctcangt tnaaccatta 660
aaaaccctng gaaaaanntgg ccannaggga aaccctttaa aangcaaaag nncctnngcn 720
aaaaaaaaancc ccgggggaatt taancccaan gggncccaaa ggntnanntg gggccnnaan 780
nggggnaaaa aaangggggc nnggaaaccc ccagggnnaa ntncnaaagg ggaaaaagna 840
aaaannangg ggggncnnnn naaaaaaaaa ann 873

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<210> 2843
<211> 777
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

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<400> 2843
tgggttttng gnttngggct ttcttnanat gntgtaancg ctgctngccn cancannttg 60
gctggncgaa ttcggcacga gaaatggggg gtgttcttca tagtggattt ctttttttaa 120
acataccatc tttgtgtata tacatttctc tggaaatgtt tgtgaaaagg taaagataac 180
ttccttagtg taattgtgtt gaagtgggat gtttctagt tttgtgaaga tatcaattgc 240
tggctgatat ttaagctgg atgaaaaatg tgggtgaagt aatcttaaag ggtgatagat 300
ttgatatgag aaatttaaag taatgtgctc agtgcgtagt ggtgataaaa gaatgtagcc 360
tacttgtttt ccatagacta tatttcatca ttgttgcata aagtcccttt tggccaattt 420
agtgaatgct gctgggtctt caggaaagaa aatcgtttgt ctttaaccag agaaataatt 480
gtggggatag aaagtagtct ttttcttgat gataaaaatt cattttanct ttttaaatta 540
cagtggtaat agcttgtagt aatagnngta atatccttgg tttttggcta atgattttta 600
ntgtgctccc ncttaatntt ntncngaatt attttnanng tgaccaaacc cntntatnnn 660
acntngcctt naacaaatcc ncncttnant nctctncccc nnaaanncn nncanctccc 720
ncctncccc cennntcccc tnaacncccc cccncccc tctcnctcn ccccccc 777

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<210> 2844
<211> 892
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(892)
<223> n = A,T,C or G

```

```

<400> 2844
tntagggcct tnnnnannng ggtntttctt ntccantann ccgtgtgggc tcgttctttc 60
tcnnannanc nanncttgct gctgggctca ggcaatncac ctgccttggc ctccaaagtg 120
ccgggattgc aggcataagc cactgtaccc ggccccaaact aatttttcta tttttttag 180
agatgggggt tcaccatgct ggtcaggctt gtcttgaact cctgagctga agcaatccac 240
ccgccttacc ctcccaaagg tgctcagatt acaggcttga ggcactgtgc ctggccatgg 300
gtgccatnta tctaaagagt gatgaacttg gtgttaaacc agtaattgaa atcaccaaaa 360
ttctaccat catgagctca gtctanntgg angagacaga tgaaccaatt angcanntct 420
gntgaatttt ggggttcanc agtgcccana ggtgggggtg agtgaagagg aatgccanaa 480
ttttggagag gtggagcaca cgaccacgg gtactttctg aggatgtaac ncanaagtcg 540
tgatcagaaa gganganagg ganacanntg gggaaantnn ctgggaaana ncngtcnatt 600
ccaggcagtc agcttgctnn ancncnttgg gccttncttt nanaaccccc tttgcctttg 660

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gaatnccttg aaccnaagt tttcaacttn aaaagaaatt cctttggggnn anngaaannc	720
ntatatcaacn ctntatnac aaaaaaacnt tccnaaance ncttttttan aaaacctttt	780
ttccctngnn aggtcccnna atttttaacc ntangnaatt cccentaacc tttgntattt	840
aagnattnc ctttnggna tcaannttc tngngaaccn aantcccccc ct	892

<210> 2845

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2845

gnnnnncnnn ntgnnnnnn nggggggntt tnnnttttcc aaanggcgtg gaactcgttc	60
tncccgcaac agccnngcgn ntcgtttctt ctcaactctc tgattgetta tataagtgc	120
gtcttctgaa ggaaagtcca gcattttttc tcagatatga taataatata tgctaagatc	180
ttggccaggc acggtggctc acacctgtaa tcccagcact ttgggaagcc aaggtgggog	240
gatcacttga ggtcaagagt ttgctgcctt caaatcaatc attacttctt agcacctctt	300
gaaatagaaa ataaaaaatt tggccaggcg gtggccaggc gcagtggctc atgcctgtaa	360
tctcagcact ttgggaggct gaggtgggaa gatctcttga gccaggagt ttgagaccag	420
actgggcaac acagggagac ctcatctcta caaaaaagaa aaaaaaaat taattagcca	480
ggtgtggccc catattgtaca aaaaaaatt ttttttaatt agctgggcat ggtcatgtac	540
acatgtggtc ccagctacta gggaggctaa ggtgggagga acgcttganc ctgggatgtc	600
aaggctgcgg tgagggtgtga ttgcaccact gcactccagc ccagcaacag agaaagaccc	660
tgtctcaaaa aggaaaaann annnaaaaaa actcgagcct ctagaacttt agtgagtcgn	720
attacgtana tccagacatg atangatcat tgatgagttt tgacanc	768

<210> 2846

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 2846

ttggggtnnt taggtgtggg ntttntttt ttccnaatngc cngggntctc gttctttctc	60
gnagnagcnn ngcgnntcgc tcaccaagga acacaaataa acagttgatg aatccatcac	120
atcagtgatg aatccagaat gtgtccatca ttttcgtaag tcttagtatg cagagaatct	180
cagatagcaa agcagaaagg atgatgtcac agacgccttg ggtaccagc acctggatgc	240
agctgtttgt acacacatac tttctgatat tatgttgaca gtgaattaca ccacttcaac	300
ctcaggcagg attctatcag tttctttact acagattgat ttgtttcttt aataatnatt	360
gtaattactg tcagtaaaaa tctgagtctg actcagcaat tagttgctgg taactgagtg	420
tgttgtaatg ctggggaaaag gatataaaac tngtatattg aacagaaagg cncacatgtg	480
ggtgagcagt gtttaccacc acagaatttc cgtcttcaca naatnganat anctgcacat	540
gaangtatag tnagcantgn angttntttt nnanaaagta aaagttaaata taccntnat	600
aagcctnctg gatttncng nnttngttc tgnatttctt cctntgccnc cttcaaatn	660
naantttana nggtntnctt nttctnctca atatctctcc ccnacannn tngttntngc	720
netgannccn natctcttcc ntcnnccng atgggtgatg nncnnggna ttncttcnac	780
ccattnttat cttatctntc nnatctntn atntctntnt nctcatngg naacnnttac	840
acnttnnang nttntngggc catntctnt gttcatntgt ggggntctna gnatctttt	900

ctaan

905

<210> 2847
 <211> 774
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2847
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 gcatcccatc gnttcgatct gaaccacatg aagttgagta aaaaaagcaa ttgcagaag 120
 gatacataca aaatgacacc atttatatag tagactgaaa gcatgcagaa caatccattg 180
 ttgtttacgt gtgtaacagt cataggaatg acaaccactg ctttcagaat tatggcgacc 240
 tctgcgatgg aagagaatgg gatcagagaa ggatacacia taggcttta ctgattttgt 300
 gattattgat attagaaatg tttaaaatta agatattaac atttcatgaa gctgagtgg 360
 gagcacacca gtgttatatt ctctctatat aacttttgtgt atatttgaaa tgttttctca 420
 taaaaagtat ttaagcaagt ttaggaaaga atattgataa atgaaattgg tagagaacca 480
 tgaaattaca tagatgcaga tgcagaaagc agccttttga agtttatata atgttttcac 540
 ctttcataac agctaacgta tcactttttc ttattttgta tttataataa gatagggtgn 600
 gtttataaaa tcaaactgtg gcatacatc ttctatacaa acttgaaatt aaactgagtt 660
 tttacatttc ctcttttnana aaanannntn ttacnttnt nnnnannnnt ntcnncccc 720
 tncnntntcc nctntcnctn cnnttctnnn annanacct tncctcncet tnnn 774

<210> 2848
 <211> 806
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 2848
 gggttttcmn naggcgggtt tttcctcnng nctctncctg ccccnagnanc nccctctcgc 60
 cgaannagct nggcgggtgg cgattttattt gccctatttc ctccatgtac ggagacatta 120
 cntttnttgc ccagtcagat ttttttcatg ctatctttta gtcagattta atttaattgtg 180
 tatttctagt ttattgcttc tgccatgttt tattctttat gaagatcccc gagtattgag 240
 tgtgccagtt accagattct ctcccagctc taaattacct cttcattact tgatctgcaa 300
 tattggagcc taacccttta ggccaggggt gtccaatgtc ttggcttccc tgggccacat 360
 tgaaagaatt gncttgggcc aatgtggact ctatatggta taaaggagta tgtaaactgt 420
 ggagagaagt anggctatatt tctacagcag tgggtcttcaa attttnnaat ngggtacctt 480
 accagaaaac atttgaatan aaaacctcaa tatnagtatg tccataattat aaatcatatg 540
 tataaatata tatactatnt cggcttatat agngntttca agtctgctta tgatgtaatt 600
 atatgttnca gaacaatttn aatatactct ttttcengnt cnccttcaan cgggtcaatcc 660
 cnttgnacng gnnaccnact tnccttcata nnnnctnnct taaccagtga aagntnnang 720
 nctnnnnaaa aacctcttcc ccnaanataa ncntngccct ccnttnccca ttncantcgg 780
 cnaaaccnan cnnnattgnc cccnnc 806

<210> 2849
 <211> 758
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2849

tggtnnnnnn	ngnngnggggt	ntcntttntt	atnanggctg	gactanttgt	tctttcngca	60
gcanccecatc	gattcgaatt	cggcacgaga	taacgcccgt	ggtgcccct	ccctatagga	120
gctgggtgaga	ttgcagcctg	ctgcctcccc	tccatcagcc	acagctattg	gatttcccac	180
ccagaatctt	taggtaaatg	agatcatgat	tctggaagga	ggtgggtgtaa	tgaatctcaa	240
ccccggcaac	aacctccttc	accagccgcc	agcctggaca	gacagctact	ccacgtgcaa	300
tgtttccagt	gggttttttg	gaggccagt	gcatgaaatt	catcctcagt	actggaccaa	360
gtaccaggtg	tgggagtggc	tccagcacct	cctggacacc	aaccagctgg	atgccaattg	420
tatccctttc	caagagtctg	acatcaacgg	cgagcacctc	tgcagcatga	gtttgcagga	480
gttcacccgg	gcggnaggga	cggcgnggca	gctcctctac	agcaacttgc	agcatctgaa	540
gtggaacggc	cagtgcagta	gtgacctgtt	ccagtccaca	cacaatgtca	ttgtcaagac	600
tgaanaaact	gagccttnca	tcatgaacac	ctggaaagac	tagaactatt	tatatgacac	660
caactatggt	agcacantag	canagtnacc	nnatttgnnn	aaggagcatg	acnccctnct	720
gatttcnaaa	tcangtgatg	naagcntgng	aagtgann			758

<210> 2850

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 2850

ttttccntnt	nggcctnnat	anggggcttt	tctaatecag	atactggnet	ggtttnegca	60
cgcattccan	cnnttcgaat	tcggcacgan	caaanacaag	ccttnatgga	aaaggaaatn	120
cnctcccctc	catgtatatg	gatganggga	gcagcacaa	ncacactccc	accatcctca	180
cnnaattcct	ggacccatgc	ggtggctccg	tgagctgggt	gactccagcc	tnacctgcac	240
accccaaccc	tgcncggggc	cnttcttctc	accancatgc	cctcggttag	ctaggaattn	300
agatccctgc	ntgtgaanna	nggaactnat	gtgcacagaa	tcncaggnn	tgccatatcc	360
ttnggcatga	tttagatnaa	gtcgccctgn	ntncagantg	accccgnggc	tctncagnga	420
gttntcaagc	cccangaaat	cggccttgga	tgctctcntt	acaagacagn	ntnacnctg	480
ggccctcgtg	catnnncttc	actgnccccc	tggatccccc	cattaccccc	aaangacagn	540
gggnaaacac	anngnnanan	cacancnttg	nccctccag	cncnnttcac	nggcantctc	600
ttnnattcac	cccgnttccc	nccnnnacct	nncccccca	anccnnnaca	ancntnntcc	660
ccaactacan	gccccctttt	ccttgggngn	aaaatgctcc	nttggtancc	cagttataaa	720
aangcctnnc	ngcccccttc	ancntgattc	tcccgcatnc	ncanaccctc	anncccaann	780
attnaannac	cccaatcccc	cnnanaaacc	ctcctttcca	ncttnnnct		829

<210> 2851

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 2851

```

ntaggnncnn nnnnagnggg ctttctaatt tactannngt ggactagtng tncncnnaan      60
ancntnnnngn tgtcgaattc ggacagaggg gtgacttcct gtgacctcca aaggaagtct      120
cagctctgct agaatgggac caaagcccag ctccaccttg aacttgngtc atagccttgc      180
ttcttggtcc ctctncttan ccgggcanat gccttgctct ttgataaagg cttnctgtca      240
ccttctgagg gctcttgtgc tttttgcagg tggatgccat tacctttacc gctgagcctn      300
ccgcaattgc tntgttcaca cgctgtccgc catctgcctg caagggccca ngcagggtnt      360
tactcatcat tatgtcattg nttnaataga agcctaatat nttgtacata gtagtcagga      420
agcccagaaa attgggtatg ttctatagat ttaccaccat tgcttattgc tgtntcnctt      480
taataaagnt taacgaaagt naancaaacc acantacccc ccaaagacag nnnngggaaa      540
cacactngng gaaagcccca ncatggcccn ccttcnanc cctttttang gnactcttng      600
nnatcaaccc gggntacccg tccnccactt gntgcccna cccactccag nntntntncc      660
aaannacaac cnttntntc cnttggggga aaaatgnntn nttggggtnc cncngntncn      720
aaaaaggccn naatgggttn tcttaacctt nnttncnnc tacnancctt cncnancctn      780
accccaaata antcanncna cntcctaanc ncannnnnncn aaagcccttt ctncanctac      840
ttntnct                                     847

```

<210> 2852

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2852

```

cngttncnna aacngtctgn ggaaaagccc cctttntgca ngatcccatg cgattcggcc      60
tcatctccca ctgagcaggt gccatcccag gagatgcttt tgggtggcgag accttcccct      120
cctgtgcagt ctgtgtcccc tgetgtgccc acacctccct cgatgtctgc tgccttgcct      180
ttccctgcag gtggtatggg aggtggcatg ttctaactcc tagactagtg ctttaccttt      240
attaatgaac tgtgacagga agcccaaggc agtgttcttc accaataact ncagagaagt      300
cagttggaga aaatgaagaa aaaggctggc tgaaaatcac tataaccatc agttactggt      360
ttcagttgac aaaatatata atggattact gntgtcantg tncatgccta cagatnatte      420
attnngtatt tntgaataaa aaacatttgt acattcctga tactgggtac aagagccatg      480
taccagtgta ctgctttcaa cttaaatac tgaggcattt ttactactat tctgctaaaa      540
tcangatttt agtgcttgcc accaccagat gagaagttaa gcagcctttc tgtggagagt      600
gagaataatt gtgtacaaag caagaagaaa gtatnccatt tatgtgacaa cctttntggg      660
aataaaaaat ttggtttaaa agttaanaaa anaaacaaaa aaaaaaaact tcnancctn      720
ttanaacctt taggggaggn ccgnaattac cgtagnancc caaat                                     765

```

<210> 2853

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2853

```

tttnnaaggg gnntaagtg gtcttctttc aannggccgg gtctcgttct ntccgnanca      60

```

```

annangcgnn tcgaattcgg cacgagcgtc tacatccagg cctccgagtg acggacctga      120
gggtgtctgtt tectgggcag gctgatgct cctgtttggg tccaggggccc ctgggggcag      180
accggtgatc cttaccagtg gaagcgagcc atcgagccat tggcagaaat cctgctgaat      240
gtcattcaga aacctcagcc catgggtcgcc ctctgtgccc cctctcctgc cggaaagccc      300
tgcaacattc taggggtggg ggcaggggcca tccacggttt ctgggcagag ccatgggtggc      360
aggagagaga tggctgaagc ctgagcagcc cagagtcccc ctggtctagg ctggtggtcg      420
gggcccctgg gagaggagac agggcattcc tccccactct gtctncaggc tgctctggg      480
tagcctctag tctgtgttc ttcaggaggc ctgccataaa ctcttcggag tttacgtgtt      540
gcaccttttc acagacggtt cccacagca tctcagaca gctctgtgat gtagctttta      600
ggaggcactc aggtgtcacg gctagactgc agctatgaga cagatctggc ttcaaatcca      660
anagttgcca tgcacttget gtgtgacctt gggcaagtca cttcactttt tcttgagccc      720
ccgtgttcct tcatctgtac aatgggggct tacgatactt actan                          765

```

<210> 2854

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2854

```

cnnntcnngn tgttggnntt ttgtgggggtc tttcctttct taatnggtct gtgatncncg      60
tnctcaccta acacaacnng gctgnngcga attcggcacg agaggatgtt gctgctgtgg      120
gccgcaaggg tcttggtagc ttctcttagg gcaggcttgt gttcctgatt ggggttggga      180
tgggtggggg catccctgtt ggcctcagca atccagccct gcncatctgg gtccattac      240
acagacgtag acattgaggt ctanttngaa ngacttgccn ngagtctgtt aatagagctt      300
ggcacttggt tctcttgact ctcanngact ggggtgtgagg gaantgggct ccttttgctc      360
cctacctgca gtgcctttga ggggatgagg gtcttccatc atagttcnga anatgacctg      420
cacattttac tgccctanaa atctgtctgt tggggccagg tgtggtggct cagcctgta      480
atcccagcac tttgggaggc cgnngtgggc acntcaccag gtcangagac ngnnaccatn      540
ccggettaen ggggtgaaacc coactctctt aaaaatacaa caaaaattan cctgccatgg      600
ngnnggggtg ctgcactccc actnctccng aangctnang cccgnannaa tngcntgaac      660
ccnngaggcg gnnctcttga ntnaccccat aannncgcc ccngnactcc anccctnnga      720
ncacanaaan agacttccnc ctnnnaanaa nacancta at ccnnaacncc anccctctna      780
ancnt                                              785

```

<210> 2855

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 2855

```

nncnnntntn tnatggnnnn gnetngnggg gnnctttctt ttcttaaagt ntgtggntnc      60
tcgnncttnc tcnnannagc ntggcggnng cgctttggga tcttttagatg aatgggtatca      120
tacagatgtg tattattgct aattctttgt tctcaatcac ttgttttcaa ggacactaaa      180
atccatgtag cccctaaaaa agataaataa gggcaagtca cttttcttcc tccagtcaca      240
gactaaagaa attatttcag ataatatata gcccttcagc catgggagca ggaagtgttt      300
actgctcaag tcagggtctc agttggtaaa ataaacggaa acttctggtt tagtttttngg      360

```

```

gccttctttc aaataaaaac ttcattttct ctgggcaaatt acattgattt aattttgtat 420
tattggtaaa atattcatca agtcacgggc agnctttaca gagtaccaaa acataacttt 480
gccgattttt tctgtttaag ggccagctag gttngttnaa aaagaaaanc ttnnagccac 540
caaaaagcct atggcatttc tttctcttat gatcttttaa actggttcaa gctcatcctg 600
tttgngagtn atttagggtg gtccctcttt gaaaatgggc ccccataaca cttttttaat 660
nggataaaaag nngagaacat ggagtcanaa tggagcaaaa ntctgaatat ttcacatggn 720
ctaaaccctt tntttaaatc aanggnnaan nanaacaaag ttgcnaaaaa agcccaaac 780
atnattt 787

```

<210> 2856

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2856

```

tgtgntnegg tanggggggc ttttttccag gtgctggnta tegtectntc cnnanagccn 60
ggcngntcgg tctcgctttg tgacgtagcc tgggtcttgag cgatcctttt gccttggcct 120
tgccaaagtg ctgggattgg aggcatgagc cactgcaccc acccctgttt tttatttaag 180
taaaccatta taataactca tttataaaaa ggttacttca agagggcctt caacttaaga 240
attattttca ttttgaacat gaaaagttaa atagtaacta agaaactgag aactctgaca 300
gtgacctcta ataggtaact ttaggcaaaa gtagacaagt ttgtgggtat tttgntgttc 360
atgttaaaaag gcacctgtac aagaatcaan atatgaatct agntcgtana gggaaggctc 420
tatgcaaata ccaaatcata caagtggta cacatataat agatcatttg gtccantaaa 480
agtgggttca gcttgtttat tccctacttt tgntatenta aaaacaatga ttttttgcac 540
gtaatagaan gctttcactt aagatgctnt tgagtgaatc agtgaggggt tcttanagtt 600
agtattcatt aattnaacnt anaatattan ctaaacagtt ttgggtcact gcaatgcatg 660
gtctatngaa anactanatg tttcgnctga aatatgcttc aantgttgcn actatncana 720
anggcctttt atgttntnna atttnaaacn tgccanttnn attnt 765

```

<210> 2857

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 2857

```

nagntttttt tgggggggnc tttctttngg tngcgtgggn ctacttgctc ttttngcagn 60
agcccatcgt attcgaattc ggcacgagat tcaagatgag atttggttgg ggacacagcc 120
aaaccctatc ggttgccaac atttacagta acagtgttag gtgaacagtt gtccagtctc 180
ctgttttctc ggacactgtt tctagcactc tccaggcaga atctcatgta tccctcactt 240
tcgaaatggg tactatttca tccccacttt tatcaatgag aaactaaagc tcgaagaggt 300
caagtaagtt cctggccaag gtcagctagc aggctctaga ggctcgttc tcccttagagg 360
cagccttgcc agggcccang cttggcaggc tgcanggan gtgcgggcat gcccatggta 420
gaggtgggac cattgaggct cagagagggt aagtgatgag ccctggcgac acagcgggggt 480
gggtccagag tccggcctgc atcttctgga gctggccagt ggacaggcct tccccgttca 540
cagccccggg gctgctgtgc ccaccaaggc ggatgtgcct accgaatcnc actcctctgn 600
gtgtgtccct tttcaggccc ctacatcatt cganggaatg gcnncccccn acgacttccc 660

```

ttncnaccan tccacnnttt nnttacanne ntacttccan nccccagnnc tcttgtaaaa 720
 gnceccanncn ancttcccta nccctggant ttttaccnc nttmctcat ccacctctct 780
 tttctcccc cct 794

<210> 2858
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 2858
 tgggnttttag gcgcgcgttt cnnnnnnngnn nngctggcgg acttgtcctt aatcnnaana 60
 gccntgcgn ngtcgaattc ggcccagagca agcagaaatg tgggtggtgt gactggggtt 120
 tggtaganggg ctgctgnngc tggaatggag ggctgccaca ttaatggaaa tggnaaatga 180
 ggcacgtaag gttngactgg aggcataneg cccatgttgc cngctttatt aaatcactct 240
 tgcantatnc anantangg cctgatgnaa nnagtgactg tgtcttgac tnnncaacn 300
 tacagnggga tgctnnaaga atgngcactg cananaggac tngtctata ntaaccatat 360
 gtatgcntnn cgtaananna tgcnnngctg actatctcta atnngngcgg ggaacgtgat 420
 cacattcneg nncnnttaca tggaggtcc tctccengan gnntctaanc tannagangn 480
 ccatgagtat gaaacantgn ctnnccaccac ttnaacttac ccnannnnnc ccaatatctn 540
 ttgntagct ntngattctn tgnnnagcct tnaactggacc ctacttagac anngcctttc 600
 acacnctcan naacgattcn ttagtagaat nctantaacg ctcccccta cacctnnnta 660
 tgnatttate gncctctat tncctnnccn ntncngnnn tnanagaacn ttacctccc 720
 ttnnaannnt cgcnnncct tncaaccntt nantncanc atttctctna tcttctcac 780
 cggggcatth tntctnggg ntccgggttn gnttntactc antgcnantn 830

<210> 2859
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2859
 tgtnttttgt tgggtgtnc tctancatn cggggtctc gnnctnccgc ancagccnng 60
 cgantcggac tgacagnngt gccaacatgg cattctgttt ttgaaaagtt acatgacact 120
 attaagtatt gaaaatgttc taactagaaa aacgattttc ttaatcatag tttttattgt 180
 ggggtgtgta tgtaagtttt aacgtgcaaa ttaacatata gaagtcactt tgtgagggtt 240
 catttaaagtg ttttctcag attttgctga atctgtaata gccattgaaa tatttaagta 300
 ccttggtgt tcttggtcgc aataaacaga ttttctcttc cctctcatg ccatacaaaa 360
 gttgacaata gctttatcac cacaggaaga aagctgacca tcattgcctt ttatttgggc 420
 ccagttgcc tggttacagc ccttttagcta aattgggaat ggtaaccaa ataacatttg 480
 cataacattc ccttggtctg cccacctctt tgcacatctt caaatcaagg ttttgggtctg 540
 atcaccatac tatgctgtag cctactttta ggaagtactt taggctaaat agatttgttn 600
 catttatgct aaatgctctc ctggacacta ccatactcag catattcctg gaaatctaac 660
 gcaatnatnt taccttttaa aacaccggg ctccaacngg nnnntacct ntnaccncn 720
 ctggnncnna tntntnncc tncnttatcn antaaange 759

<210> 2860

<211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2860

ntttaactna	cnggctngga	naccnnttct	gcagnaagcn	nnncggngca	attcggcacg	60
agattctctt	agtgatgggc	tggaggaagt	ttttnaaagc	agaaatgaaa	gcttacatgg	120
aattagtcaa	caatatgctg	ttgactgcag	agctgtatct	tcagtgggtg	gatgaagcta	180
cagtagggga	gatcactcat	gctaggtatg	gatctcctta	cccttggcct	ctgaatcata	240
ttttggccta	tcaaaaacag	tgggaagtca	aacgtaagat	gaaagctatt	ggatggggaa	300
agaagactct	ggaccaggtc	ttanaggatg	tagaccagtg	ctgtcaagct	ctctctcaaa	360
gactgggaac	acaaccgtat	ttcttcaata	agcagcctac	tgaacttgac	gcactggtat	420
ttggccatct	atacaccatt	cttaccacac	aattgacaaa	tgatgaactt	tctgagaagg	480
tgaaaaacta	tagcaacctg	cttgctttct	gtaggagaat	tgaacagcac	tattttgaag	540
atcgtggtaa	aggcaggctg	tcataagagta	tgtgttaaagt	ctcangagtc	ttaactttng	600
gaaatatggg	tttacttnaa	tgttacatta	gatatnnggt	gntacgaatt	tttanaacca	660
aattactggc	tttttgnaac	cttcaaaaata	ttataatggg	atcttaatgg	aatgngcctn	720
taanattggg	naatttgggg	tattacaatt	aaaaanaaaa	tnccg		765

<210> 2861
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2861

gaancagctc	tntncttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gagttgctgt	60
cagtcttggt	gtggaaagga	gacgcactca	tgacattgca	aatgtgctgg	agtcgctgca	120
tctggtcagc	cgggtggcta	agaatcagtc	tggctggcat	ggacggcaca	gacctgccnaa	180
aacctgagg	aacctccana	gactnggaga	ggagcagaaa	tatgangagc	anatggccta	240
cctncaacag	aaagagctgg	noctgataga	ttataaatnt	gganaacgtn	gaanagatgg	300
tgatccagat	ncccangaac	aacagttact	gganntctct	gaacccgact	gnnccctcttc	360
atctgcnaac	agtggaaaag	acnagtctnt	gagaattatn	agccagangt	ttgtcatgct	420
gnnccctcgn	tncaaaaaccn	agatngtcac	tctggatgtg	gctgccgaaa	tactgntcgn	480
agacngccaa	gatgccccag	accatagnan	atttaaagt	aagaatnttc	acctgcatna	540
ncttactagc	acataaaggg	tgggatttna	tgngtngata	ttntctgctt	ccgagattaa	600
aaatctntnt	antgnttggt	gacntangca	tgggaagtgc	cnaaactcct	gccttttaaa	660
actntcnng	agnccatttc	cgtanattcn	cacntgatta	aganncaatg	gtgaagtttg	720
ggnaaaaccg	ccacttggtg	gcaccggaaa	aanatnt			757

<210> 2862
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 2862

gaagcagctc	ttgttctttt	tgccaggatcc	catcgattcg	aattcggcac	gagacattgt	60
gttgcatctt	ataacttgta	tagattgagc	tgattgaaat	aagattttgt	tccaagtatt	120
atctgataga	atacaagatg	attcaaaaatt	atatagatat	ttaaagcttt	tctgctgttt	180
ttttttttta	attgcaactg	cttttctgcc	gtgcctctct	tccctaccca	aaagtgatga	240
gttctgaaca	agacaagact	gtcatattgt	agagactttg	gtatgtgata	ccatagaata	300
ctgattggat	agccatccta	gtcacttacc	aatactgact	agaagttaac	tcttaattct	360
aagctatctt	aaaatgcata	tatatacttc	ttgcatggaa	gagcaaaaca	aattcaagtt	420
gtcatgcctg	ataatttcag	atgccaccgt	atagcaaagg	gtgaacatgt	tttcaaccct	480
tttaactttt	acgggtgttg	aagaccagct	actccttaat	atztatcaat	ggattaagaa	540
gtttaagatt	ttgcagattt	atcaatttgg	gtttttgtac	tgaagttgtc	ttgcggcttt	600
gcaagtgtcc	ctttatatatt	aaatttgaaa	gttgtaagcc	ctggatgtta	atgtgattga	660
tcagcatggg	catatgtaaa	atgncctttt	ctgggtggct	ctctatgcca	atggggtcag	720
atccttacac	cntaattna	accagtnngt				750

<210> 2863

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 2863

gaaancagct	tnnnaaccnc	ttgcaggatc	cctcgattcg	aattcggcac	gagggatggg	60
tgccctggag	ccaggcaagg	caggaggccc	cagaaacttg	gtgggggaga	taacggaggg	120
gatggagcag	gaggaatcct	gaaaaccgga	ctgggagaga	tggggccgag	tggacgatgc	180
ccagtaccag	cgggcgtctg	agactgaaac	attaattctg	aagaagaaga	aactagacag	240
tcagacctcc	aggactaaga	tgaagtgagc	cgagaggana	tcgtatcata	agaatgcttc	300
tgctcgntagc	cgggtgcagt	gctgtgtgta	tctagttnca	gntacttgag	aggctgaggc	360
aggangattg	cttgagtcca	gaaagtggca	gttgcatgta	gtggagatcg	cgccactgct	420
ctncagcctg	ngtggcanan	cgagaccctg	tctcaaaana	taancaaaaa	caaaatgctt	480
ctgtcagtta	acaatcttta	ttaaaagggg	tttttagtctt	tctttctcaa	cttgtatggt	540
aanttggttg	acaaatgcna	attnacgtct	ttattatnct	ttctttctna	anaaaaaagc	600
cnnntnttgg	nanaanctcn	acctntgaac	tntgtgagtc	ttattacntn	natecntcca	660
tgataagatc	cnttgatnat	ttggacaaac	ccacttgaat	gcnttgaaaa	aaangctttt	720
ttgggaaatt	tnngatccta	tc				742

<210> 2864

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 2864

gnntagctag	ctacnnaaac	tctttggcna	atcccantcg	attgcgnntt	cggcncgaga	60
actgacctaa	gcctcagttt	ttcagatctg	tagtacttac	tttacctgat	tgtcttttga	120

attgaataac	ataattttatg	tgaaaacact	taattatgaa	tgctgtaaaa	ctatcaaagc	180
cattaatatg	tgtnatagta	gcatacata	ttttgcagca	taatccagag	aacaaggagt	240
tgtaacaag	ggagaggaag	ataatctggt	tgggctagta	ttatactctc	aggtgctact	300
gacttcttag	atgaccttca	agatgttagt	acaactctct	acttgagat	gctattttct	360
gggatgtta	atatccactc	tattcacaaa	attttaagaa	aagtcaagta	gcattggatga	420
aactctccaa	agttctgctt	aaaactaaaa	tatcttagtt	gtcactgaag	ccacagatat	480
tttgtgaatg	cagcatgttc	ccaataggca	gtccctctta	gcctcacagt	ccaagctggc	540
aacaggatca	cattccaggg	aatgaacaga	aaggctggca	ggcaatcaca	ccgctgatat	600
cttangtgtg	tgggcccccc	atthtttttt	tgagatggag	nctnactctg	ttgccccaa	660
tggagccttt	taaactatag	tgagtcgtat	tacgtanac	cngacattgt	taggatncat	720
tggatgaagt	ttgggncaac	cacacttgga	atgcngncg			759

```
<210> 2865
<211> 765
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (765)
<223> n = A,T,C or G
```

<400> 2865						
gnaatagcta	ggcnatnaga	tctcgttgca	ggatcncatc	tnnttgcagg	atccccatcna	60
ttgcgaantc	ngcacgaggg	acccccta	attgtacatg	ttgatgatag	gaataagggc	120
ttcgtttatt	ttcactgcat	gctctctatg	gaaagaggat	gtgctaagca	aacaagcatt	180
gtaaacaata	tttcagaggc	aaggttttgg	cctgctttaa	aaaaataaaa	tgttttgcaag	240
tacaattaaa	aaccagtata	agggacaggg	gtgggatgaa	aacctgtctc	taagattacg	300
aagcctgcgt	tatttccctt	aaatccctt	cgaggaagat	ttgaatccct	catcaacaaa	360
ttttcattga	ttatgtttct	attatatata	ctgtagactc	tatattcacg	aatgtaatca	420
tactcattca	gaaaaatata	ggaagagaaa	atgagtatga	cctgtagcct	gaatttcatt	480
ataaaaagatt	taaaaatata	cattttatat	taaaattgat	gtaatctttt	aattatgaag	540
tctttgattc	tttagatgtt	ttcatccata	acccaagagc	aagatcttgg	catcagtttt	600
ttccangtta	tgtctatatc	atctattatt	acttaaaagt	ttggagttac	atataggata	660
tattgatatn	tagagagtta	taggatatat	gnnanttttt	ttcaattcca	gtcccccaac	720
ccgagcaaa	g	g	g	g	g	765

```
<210> 2866
<211> 790
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (790)
<223> n = A,T,C or G
```

<400> 2866						
ngtanganac	tnnacgggaa	atcccntntc	tnnangaanc	caatcgatgc	gaattcggca	60
cgagccccag	ccagccttca	gggtccctt	gtnttgtgt	agatgcagtc	tagcgggggg	120
ccggagaagg	gctcaggtgg	gaggggcctc	agcaggctcc	cagctcaggg	gctggcctgg	180
ggggaaccct	gggagccagg	ggctgactcc	agcaacactg	gcctgtctgc	ctgttctggg	240
agggctgtga	ggatgtcttg	cagatgctct	ggatttctgc	ggaggcacct	ccattccttt	300
ctggcttttt	ttgcggggga	gggctttggg	cctctttctt	tgagggaaca	ccgtcaaaga	360
aagcctggga	gatcgaggct	tcagtgagcc	aggatggaaa	cgcgtgtccc	aagtgtccgg	420
acaggcggca	gaggcctnaq	tgcggcaaac	acagccccag	agcctgtgtg	gcaccagcag	480

```

catcttanag ccccaggtat atgctgagan cttatctcac gctgcctcca ntgtctgggg 540
ggcccaaaat gatggcaciaa gggcangtgg gcctgnaagg ggcncaaaaa tgccctgngg 600
ttcaaaggga aggggtggccc accaatgggg cccnanggtc ttaaccccaa ggaaccctt 660
tggntctngg tnccttaaac ccttggcann tnacnggnaa gnacctaata gnggggnact 720
ggncceangg gcccnnngtg nacctttggg gggggccaaa tngggaaagg gccccccctg 780
aaaaaaaaan 790

```

```

<210> 2867
<211> 762
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (762)
<223> n = A,T,C or G

```

```

<400> 2867
nacnaagata tccnnaatnc tggetnnccn tttctgcang atcccatcgn tncantgcgg 60
cccagggtcg actgttggtc atcttgccag atcttntntg atgtcttttg cttcctctg 120
ctgtgcatct tgcaggaaa tagatgctct tggtcatttg agtaatccga atcttggtat 180
ttccagtcaa ctcagttgga tttctgggat gagaattaga ggagtcccat tgaaaaactg 240
gaatgagaga tgagaagttt gctgaaaaca gaacattttt ttgtgtgtgg attgatttgc 300
ctcgtatacc tgccttgtag ttttaaccaca tctttgcagt ttaaaataga acacattatt 360
tcttcagatt cacttatttt gactacatca gtaatgctct tacaaggctg catgacagat 420
ttatggtgac atgcttttag cagttcaaaa tccttaaaacc tatattcagc tccttttttc 480
ctagaaagta agtcatttta attttcaatc tttctttctt ttaaatcttt taatgatttt 540
ttgggggaga ggaatcttgg cagtttagatt cttcaagctt ggctacaaat gggttaaaat 600
ataagtgggtg aaatntttat actttntcct atttngantt tgnctgctca tttgnttct 660
tcccatgggtc tcaagtatac aattnccaag tttattgggg ctgnntcacn tgnttccatt 720
tctgcaggga aaaggctgcn ttncnnaatt ggggttnggc cn 762

```

```

<210> 2868
<211> 796
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (796)
<223> n = A,T,C or G

```

```

<400> 2868
ttgttctttt tgcaggatcc catcgattcg ccagagcgag cacgcgtctg ggggctgctg 60
tcgttggtgt ctaccccgta ctgacccaac accacaaggg ctttctctgg tcccctgtcc 120
ctaagacaat aatcgctttc tgacaaagga gcctgcacat ttgggtgagc agacccaagc 180
tgtttacagc tctttcttgt cctgccatcc agtagcagtt agtcttcac cccacgtgaa 240
caaaatggga aggagccgtg aggagaggag tgaggcaaca ggcacccgaa gtcctctgtc 300
cttccctctg tgtgctctga atatgtcctt gtccttctctg acccatctct gaccagctgg 360
gaacctgctt ggggtccccc tcaaacctgt gnetgggggtg tgggctcaca gatccctatc 420
agcctggttc gtgggganggc tcttcctaaa gggaccccca tctctaagtc actctgaaa 480
ggagtgtgtg agaggagacg ccctncaaac tcttcagaag tntntgagga cttgaaactg 540
gtcactcggg atctgngtnc gaaatccttc ccaacccttt tcttttgggg gagntttcct 600
taacctgctc ngcttgnaan ccaccaaang gtttttgggn ggctntcct ttttctttna 660
ttttggtttt aaaagggcaa ntngtnccaa aaaagcccat tcccnngaa atgccccaan 720
aaccangggg ggccttaatt ttnttaaggg ggaagggnna aggttcnggt tttcccaatn 780

```

gntttccccc ttccccg

796

<210> 2869

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2869

gacnnntgtg nangnncgtg gaaatgncct ttctnnanga nmcccntgcg ntncgaattc	60
ggcacgagaa tacacacaac atataagaca tggcantttt ctgtttatgt tatcagggtt	120
aaggcttctg gtcaacagta agctatgagt agttaagttt ctgggggggac aaaaatttgg	180
ttgtcaactg atggggggggc ggtgttggca cccctaaccg gtgcactgtt gaagggtcaa	240
ttgnactgna tttatatatg ccancagctc tncaactgtg gtctgcagat ctcagtgagg	300
ctcctttcag gggacccaca tgggcaaaac tatattcata ctactactaa agccatttgc	360
attttccact gngttgatat ttgcctgatg ttgcaaaagc nntgggtgggt aaaactgccg	420
gtaccttagt gcaaatcgag tcaanggcac taaacgtata nttgccatta gatcctctct	480
tcancattct gtgctngcag ntnaaanntt aataagccng ttttacntan gaatgtcctt	540
aatgaagcaa ttgaaatgac taattttatt aaaactctnaa gccttgagta tatactctct	600
tcaatattct atggaaataa ntggnaacta tncattaagc atttctgcat gcaaatatgg	660
nactgnnttg aagnaaanct ctgcgggtnn cnaattgcna accttgaact acccattgat	720
acttggatgt gcaggctncn ggacaacc	748

<210> 2870

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2870

tttnnatgct gggtgtcggt ctntctnnaa gatccnngcg ngncgaattc ggcacgagcc	60
cagaatgaac atgcagcccc cccaagtaat cctgtgatcc cagggtttca agatagactt	120
ttgagttttt cacagtctgt cttaactcag caagataact tgggacttca gaaacagttg	180
gatctacaaa gagaagttct gcattatagc cagaaaagccc aggaaaaatt gcttgtacag	240
agacaaaacag cattgcagca gcagatacag aaacatgaag agactttgaa ggatttcttt	300
aaagacagtc agataagtaa gcccacagtt gaaaatgatt taaaaaccca gaagatgggg	360
cagctcagag actgggtttcc taatacacaa gacctagcag gaaatgatca agaaaatatt	420
aggcatgcag ataggaacaa ctctgatgat aatcattttg cttcagaaga tactagtgcc	480
aagcaaagtg gtgagcatct ggagaaagat ctggggagaa gatcctcaaa gccctgtag	540
caaaagtcaa atgtggtttg gacttaaac agcattgaac ttagtgctat acaagaagta	600
gagtcaccag caattggcag aacttctata ctaggtaaac caggatttta tgaagacaga	660
gacccctgc gagtcttaat taagcccag acaaagggtt ttttgggagc ccctggccat	720
ggatcccggt angttgnctt n	741

<210> 2871

<211> 735

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 2871

tggnagagta	nngnnnggta	cttgcctcttt	ntnmangtag	cccgtgccat	tccggagggc	60
actgccctcc	tggaagagat	gcattaggat	cggtttgenc	agtaatacct	ttacatgann	120
ccatttnag	aatgatnacg	ggccaaagnt	aacgggtgna	ctgttangnc	ancatggact	180
nngagaangc	aagggtang	gtgaccagg	ctggcanagt	aannagcctt	ncgntnnaag	240
ngnacctg	ccngaccnc	agaggatngt	naccantnng	actgnaggaa	tganncnngt	300
nnggntgatn	tntctncatn	gannccataa	tctaatgcat	gattangaga	nccaaatngg	360
ctgctcntta	anngacatcc	canannctat	ctgatacctaa	tgcggnncat	nctngatanc	420
ttagtgctnn	taaacgncgt	gntcatacat	mnactnatgc	ttnggcnanc	cactcnngn	480
tggttangtna	cntatgtann	ncnngaeng	anacttctnc	tctgtgnagc	agtcacaca	540
tctntacang	nnctangtnt	antatngctn	tnaacncggn	ntgtagtga	tactggagca	600
tggtcttctn	ntnacactgc	attgctgtca	catcttggt	gagcnnagta	atgtccgctn	660
agncttaata	nactntngaa	tgntgggcna	tcgcctggag	ttccangatc	ntttggagtc	720
cgctnacttt	tatnt					735

<210> 2872
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2872

agnangcgtg	tgaagtatcg	ccnccta	agaaggcggg	cgattcggca	cgaggcccca	60
gggcatncgg	gggatccctg	tgattttggt	gagggtgagc	acccagggtc	cacagggtc	120
tgtcctgggc	aggccagcag	atgcagtgat	tgcaaatcct	ccttgtncaa	atggaacagg	180
cacgtgcatt	tgtggcacac	tcagagctgc	tgccactag	tgngctttgg	agaatcagtt	240
gtctcccagg	cggggaangt	ccctcagaca	taaaatactc	acccatttag	aggaatgaca	300
acagcaaagg	aaactatatt	ctgctaattt	actggtgaaga	gaggaaaaac	tctgtcatgc	360
atacacatga	cagaggctct	gcctaaagag	agaggcagca	cgatacagat	attagcaaat	420
gactactctc	cangaagaaa	cacaccagcc	aggaacggna	ctcacacctg	naatccagna	480
ctttcanagg	ccactccgtg	aggatggctt	canaccatga	gtttgagact	agnctgngca	540
acctggcnga	cttcatctnt	accannaaat	gaaacctatgc	attccaacct	ncnannagat	600
cantnangag	acccacacct	gggagtnncc	agatatttca	aaggctnngc	angaaggatc	660
tcttngggcc	aggaaaangg	aaggcttgca	attgaactat	gatactacca	cttcactttc	720
agnccggggc	nnccaaancc	atgaccctn	nt			752

<210> 2873
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2873

```

tctangagat ggnatgtntc gncctntctc naagagnaana ggcttggcgn attccgggcc 60
aagatcgaga ccntcctggc taacacgggtg aancncatc tctactaaaa atacaaaaaa 120
ttagctgggc atagtggcag gtgcctgtag tcccagctac tcgggagggt gaggcaggag 180
aatggcgtga acccgggagg cggagcttgc agtgagctga aattgcaaca ctgcactcca 240
gcctgggcga cagagtgaaga ctccgtctca aaataaaaaa ataaaatggg aatatcaata 300
gggcctatatt agtaggggtg aagtatatgt ctaatgagat ggtccatact ggtccccag 360
cacataggaa gccctcaaga aataaaggct agtggttaacc tgcacagtga tgggaggaca 420
ggggctatgc agaaaaactt ggagcaaaga aacgagagca aatatgggaa aataacaatt 480
tgtgtggggt tgaacatatg gttgttcatc gtactgtttt ttcaaatttt ctgtatggtt 540
gaaaaaagtg ataatttttt gggggaaaat ctggcatgtt cccctgcacc tanggtatat 600
caaatgtat tgacaaaatc caaattaaaa gccaaactca aaaaaaaaaa aaaaaaaaaa 660
aactcgagcc ctnttaanaa ctattagtgg agtccgtatt tacngtagaa tncnggacct 720
tggtattaagg atncatttgg atgaagtttt gggacaaaanc cccaactttg n 771

```

<210> 2874

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2874

```

agnngcggnn nnnngnaaat gccctnnatg caggaaccca ngcgatccgc ctgggtggtag 60
ttaccacaac acatgcctca ttaagaaaca ntttncatca gagggaatgc ctgcctccct 120
gntaccagct ctgcagatgt gcacatatct tctgtctgta agccaatggg acttaaacct 180
tacctcttgt gttttggaga ctatctttta tttttttttt tttgagagag tgtctccctg 240
tgttgctcag gctggagtgc agtggtgtga tctcggtcga ctgtaacctt cacctactgg 300
gttcaagtaa ctctcctgcc tcagcctccc gagtagcttg gactacagge gtgcaccacc 360
acacctggct aactttttgt attttttagta gagacggggt tttgccatgt tgcccgggct 420
ggtctcgaac tcctgacctt aaatgagcct cctgcctcag cctcccaaac tgctgggatt 480
acaggcgtgt gccaccatgc ctggctaata tttatatatt cagtagagac gagggtttgc 540
catgttggtc aggtcgggct cgaactcctg acctcaagtg gtccaccac cttggcctcc 600
tagagtgtgt ggattacagg gggtagacca ctgngcccgg gctcttttgc tttcttaaaa 660
gactttggtc ggggtatttg gntggatgga gtattgngtc tgggtgnggg taattcgann 720
cctnnmttng tnnnggggggt anag 744

```

<210> 2875

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2875

```

tcaaanannca gctcttggtc tttttgcagg atcccatcga ttcgctgaga tcggccactg 60
cactccagcc tgggtgacag agtgagactc cgtgtcaaaa aaaaaagtcc caaactgttt 120
ggctttatatt aggtagtaaa tattctactt cgggatgacc tgtcatggag ccagtaaggc 180
ctctacaaat cacatcccaa acaaatacaa ctcatatgag caaagtaagg ccagatgaa 240
atgacatctc gatctcttct atggcagaaa ctcatgaaga cataatgaaa caaagatagc 300
taaagttcat tatttaatgc tctactccca agagaattat gggactttaa ggctactcac 360

```

```

taacatacaa aattaccatg cagatatggg gggaaagtcc atgtccagaa aaaacttggg      420
ttgcaaacct tagaactatg tcattgcagg attatgtgtg tgtgcccgtg tgtgtgctca      480
caggctttga agagttttat gagtatccat tatccaaaat gcttggaaac agaagtgttt      540
tggtatttag attttgaaat atttgcatta tacttaacaa gttcaagttc agcatncaaa      600
acccaaaatg ctccagtggg catttccttt gagcatgtca gtacgcaaaa agtttcagat      660
tttggagcac ttaagattta ggatttggga tatcagcctg cataatcaaa ccttcttcat      720
tcaggaatgt aaaangaggt ttaatatgag ctan                                     755

```

<210> 2876

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2876

```

agcgncgccc ntgaactgaa atcccccttc ngcaggagcc catcgatnec aattcggcac      60
gagatcacct gatgtcagga gttcgagacc tttttgggtca gcaagggtgaa accctgtctc      120
tactaaaaat acaaaaatta gccaggcggtg gtggcggtgtg cctgtagtcc cagctacttg      180
gggagggtga ggcaggagaa tcacttgaac ccggaggcag aggttgagat gagctgagat      240
cttgccactg cactccagcc tgggtgacag agcaagactc catctcaaaa aaaaaagaa      300
gatggaatta gctgagtttc atggctgctt gggagggttt ttgcagacaa agactccctc      360
tctcaccag actggagtgc agtggcggtga ccctaactca ctggagcctt gaactccctg      420
tctacggtga tctcctgct tcagcctaag tagctgttat tggcatgagc cactgcccct      480
ggctcacatg gctgcttaaa tggaagagtt agcagttgag actgagaaac atgaaggact      540
angtaagtat ggggctccca gatagagggc agcccacaaa cgagataagc agaagctgcc      600
caaaggggga aggaaagaca gccagacag ggggaatgtta agaagaagac tcaagccaac      660
tcaagggggt taataaaaan ggagcctaag ctctctttaa nncattcacc caagccatat      720
gggatttcag caaacttggc cctgtcccaa gggacctccc ttttggcaag g                                     771

```

<210> 2877

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2877

```

tnnnnttgac ncnttncnag gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagct gggagcgaga cgggtggccc gnccagcccc atgggccaca ccggtggtg      120
agacgagagg atggggcagc aggggaccgg gacctgcggg cagctgtggt gatcaggacg      180
ctgaggagcc aggaggcctg cctggaggcg gtgctacgtc gactacaggg acagtgtcgg      240
caggaaactg ccaggctggt gggagcccg cctgggtctca tctggatccc gccacctgga      300
cgctgagggc ctgtcgacgg gccctcgtgt ggggaagcctg ccctggccca gcctggctgg      360
gtcttgagg ancagattcc aaggccaggt ggcgcangg acgatgcaga tgcagagccc      420
acgtnacatg ctgcgtccag ggggtggggct gggctgactc tggccggatc ccaagcctgt      480
ggctagcagc actggggaca ggaatggctg gtcccttgag gaggtcntga caggctcaac      540
ctgntgggtc ggangggact cggaaataaa ttgtancagc tttccttgcc aaaaaaaaaa      600
anatnnannn nncnntnnnn naaanaaaaa aactcgagcc tttaaaactn ttngngaagt      660
cgtatttact tngaattcca aaacnttgat taggatncct ttgnnnnaat tttggganca      720

```


aaccncaaac ttnnnaatgc cnntnnaaaa aaaaagcctt ttattttggg gnaaaatt 778

<210> 2878
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2878
 tgcatacaca cgcttnggaa ctngccctct ttctgcagga tcccatcgat ncgcgctctc 60
 cctttatagt ttctctataa aaactgggtt taaaattagt ggaaaagggc aggttgaatc 120
 aaggtgaatc aatctgaaat tgagcacacc tgctgccat cgctgttcct tcaactgagt 180
 gctgcacatc atgggctctg tctgtgagag aaaaatcccg gtgcttggtg tccttgcata 240
 acatggagtt ttgcatgtag atcantttaa aatgtacctc ttgtttacat aatttgcata 300
 attttaaaag ataatgttgn cnaactntgg aaatgttaat gttcagactg aaaatctcca 360
 ctacatgtaa ctctcttcct ctggatcact ggcatggntt ataatcccag ccagtgggtt 420
 gaactgntcc antgtcaact gccatgtgct ctgcttcaag ggggaactag ccttttgnga 480
 attttttgcc ataagtattt gttacnaata ttttagcaaa tgctttctat tncctagct 540
 tgtgcataatc ttggctgggc gttacagaan nnatagngta cccattatnt tncctaccgn 600
 ggaaatgaag ggntantncc tttccncttt tantccggtc cnntttttna ctttaatgta 660
 nagggnggtt gggataaagg gaangnggat gnangaagcn ttaannnacc tnaaatttct 720
 tgaaccccn caangncnnn ngggttcntt ttaaccccn aannn 765

<210> 2879
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(811)
 <223> n = A,T,C or G

<400> 2879
 cntgntnnnn nttcaancct ggnaancgcc tttctnnann agancggtnc gntttagaaa 60
 tagaactcct gtagatgtgt agaaagantg atggnaaaga gaaaggactg atgtccttct 120
 tttcattgaa aaagatattg tttaggtcct acaatggctt aggtatggtt tgagactctg 180
 gggttacaaa gcaaagaaaa cctggcctct gccctgctca gagaacagca gggatacagc 240
 atgttagcaa ataagtatat agtgtggaaa ggtctgtagt caatagcagt catcttgaca 300
 ataggaaaag gaatgtgtga aacttctggg tctgtgtgtg tgttgggggt ggtgggtcaa 360
 gggaggggat ccaaagatgg tttcactaag aagggaaaaa caccggacct gagacttgaa 420
 tgcaagtaga attttgccag gcagatgatc tgttcttcca ggtagataat ccacctggg 480
 cagacaaaac caggctgtag aaggaacacc atgtgtggag caatagaaat atctcattgg 540
 tactggagta taatgcatgc caagaaacca ggcaaggtag acanggggcc acccgtgnaa 600
 ggaaacctct tgaaatangg ggaatggata ttcacacat tttccattgt ttaaggacca 660
 aattgggaan aaagtttnaa tantccaaga atgttaagga aaaagnttaa atgggaaggg 720
 gaagaccaa tttccaaggt ggnttccaag ccnaagggg attgacncan ttccttaan 780
 ttttgaaaa ggncngggg tntttgggaa a 811

<210> 2880
 <211> 771
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2880

gagattttcc ttaactgcaa tggctactcg ctctttccgn agcccatcga ttcgctgggt	60
catgaaataa cagattaaaa atgttctctg gtaattttta ttaaacattt ctgtaaattg	120
aaggaaaaga aaaagatttc agagagtctg atcaataata gcttggtgggt cctagttagt	180
ggagcagtgt ataaagaggt aagggttttg agggaaaaaa atactatgtc aaatgggggg	240
tgaatgataa aaatcgctct cattttcctt tttttcacct ttcattctca tttatggaat	300
ttctatacaa taaatntgnt tggcatttaa taacagtgcc tctcccccg aatactgttt	360
ttattttctc ttacttaaca aaatatntg tagtggttct gtgccaagtg ctggttctaag	420
cactttgcna atattnttc acntaaccct ataagggtggg tcctgtttta tgcctctttg	480
ttcgnntgcc agcaattaat gaaactgaaa cagtgcctgt ccaagacacc ntaagnagta	540
aatggcatag ctggaatttg gccctnaagt cagtccctct aaccactgng ctcttctgtc	600
tgctaattga aaacccttat aaagtgggtga accanaaaaa gccagaggtc tgggtttann	660
ntnccatttt nggcnttttn aaaaccgggn tttttgcctc ttgtcccccc aagaanttgg	720
gggttttcaa tggaaccttt ggntcncnnc canngggggc tcnancnncn g	771

<210> 2881

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2881

acngcncgnc cancngntng gaantcccn ctctgcnnga agcccatcga tncgaattcg	60
gcacgaggng aggcattntg gcntnaacnt gcgcttttta cagaagttat gtgccactgt	120
ggaaatngct ggaaatacaa atgcaaaaaga aaacacaaat ctctgncatt ctgcagaaac	180
agcattctnn ngaccccntn nggcttattc tatagatgta tatecttggt cttacagaaa	240
cttgatcata ttattntatn actngcnggt tcatntaaaa atatcatgaa catcttnngt	300
gacatgacat gtctcnnctn tnaatgagng catagacnnc caaactacaa atcttccata	360
ctcngtgnan agnnccctcca ctgcagtcca ncctgggcaa cacantgaga ctccgtcgca	420
aaaangncaa nagacngct attgacnnc aatttgacnt tggatganng tggcantaat	480
ntgantgccg taacanogaa tgcaggaggn gagaggaana naccgggagc ccaagttgna	540
ttgggaaagt ggntcaggcc attggtantg naaaaatcat aattcncang antttganat	600
gggagaaatg cgggcnggac ttgaccgnat ctactgaaa ncnanactn cancggaag	660
ntncaaggcn aanngntcat tttaaacccc anggnnttcc angctggnaa ngannccng	720
ggattgnncc naactnccctt ccaggcctgn aanaacaaaa actgnnct	768

<210> 2882

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 2882

```

gcnttccctaa accctttgnt ntegetctnt gcaggatccc tcgattcgta aagttacact      60
taaacagtga tacatagatt gccagatntt ttttggaagg gctttgatta attaggcttc      120
agggaaattg tgaataaaaa cataaatctt gcaatagggt aggggaaaga aaataatccc      180
actcctgaag tgatgaaatg aagagtggct agagaggaga aaagaaccag gacaggtgat      240
atattagcaa ctgtcagtgt gaataatcca gggtagtaca tttctaattt agcctcacat      300
ttaaggtcat ttctgattca acctcaaag atccttctag cctactgctc ccctaaatat      360
taatatattc tttgtgccag tcacagtgt ttaacatttc cctgaaaaca tcttaagcat      420
tttttttaac ctatgtgact tttgccttct tccatctcaa ccttttaaaa tcttacctac      480
ctgtccctta cttcatcaaa tgttttcta ttttagaaa caacttctaa atttcctaata      540
atatatgtat atctgngttg agtatgtatg tgnnataact aaattagagc taaaatatc      600
ttttattagt atgaaaattt gtgnaattag ttgatttatn ccttcatata tctctgggag      660
aaaatctctt ggtcaagcct ggtagccctc agagaacttt aaagttttat tgattctaata      720
nttatgtatg tatgcatgna tgc                                           743

```

<210> 2883

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2883

```

gantcagctc tgttcttttt gcaggatccc tcgattcgta aaggacctgc ctgcggctgc      60
tttacagttt gtttggtttt ttttaaaata agtagaagat atacactaaa gtaatgataa      120
atgtatagta tagtaaatac acaaaccatt aacagttggt tattttcaag tatatgtact      180
gtacattaat tgtgtgtgct gtacttttat acaactggca gcatggtagg tttgttcaca      240
ccatcttctc cacaaacctg agaatcgtgt tgttgactgc caagtcatta agttaggaat      300
tgttcagctt cattataatt tgtgggaaca taagatgtcc ttaaataagca cataactgta      360
atgtgttttt ttttaacatct tggttttttc agcagctatg ttagtatcca gcagataact      420
ggcactctgg acatttgatg ggtgaaaata ttcacgggtc attcttttct tcgaatgagc      480
cccaataatc attgcctcct gaattcctct atcaatattt tgcctatcat ttgacatttt      540
tagacattta aaacttctta gtaagatagg acattactgt aagagcattt gtctgcatat      600
actatttcag tttttttccc ctttgtctga gttaattctc tatctactgg tcacagtaaa      660
gagttccata acatactaca cttgcctaaa cagatttaac ctctggcagc tcacttgact      720
gaacacagta agtaagg                                           737

```

<210> 2884

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2884

```

acntngttct gtncnngaana nccctnnctc naaaancnag gcgggtgcgtt ntcagccacc      60
tccactgact cctacctcca aagntnatac tttttagacc ttattttcct aaggatgagg      120
ntagtangag ggctgcttnc cctcagcctg gattactgct ttggcctaga agatgaagat      180
ggcatatgtg gttatgcctt gggcactgta gatgtgacct ccttnattaa aaaatgtaaa      240
attncctgga tccccttcat gcaggagaag tataccaagc caaatgggtga caaggaaactc      300

```

```

tctgaggctg agaaaataat gttgagntnc catgaagaac angangnact gccanaaact 360
ttccttgcta atntcccttc tctgataaag atggacattc acaaaaaagt aactgaccca 420
ngtgtggcca aaagcatgat ggctngcctc ctgncttcac tgaaggctaa nggctcccgg 480
ggagcttttnn gagaagngag accanatgan anaagaattc tggaaatctta cagcangtta 540
agatggtnntt gaaattgcaa aaaaaggaag gatttncaaa aggatgnngg ctattacttt 600
ggtcnggaac cctggggacc aattcnttga cactgggnaa ctgntncaaa aagtctctta 660
actgcaccct nggnnnantg ggtaacttga agggcntcca taacagtcaa gccncnagaa 720
atgggnacca aaaccatncc aannggantt cgcaaccnan aaagacnnt 769

```

<210> 2885

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2885

```

gaancanctc tgttcttttt gcaggatccc atcgattcga attcggcacg agattgaatt 60
ttctgataat tgaagcttat taattgtcta aaattatctt aagatatttt ctgatgtaca 120
tcattttaaa atgagttgca cacatttcta ttctgtttca acatattcaa tataattttc 180
gctcttggtc atctgttggg attcattata taattcanac gtggtctcag gtctggagac 240
atgtgaagtt attgtctcta cactgagtgt ttccatgtca ttatgcctta atccttattt 300
agacacagct atgataccct ctttacaaca taaaggataa gcaaaaggat gtataaatgt 360
atcctgggct ggaaagtggc attattgact ggccattggc catcagcaaa ggggcctgag 420
tggaaggata tgaaaggatg ggtgtaatgt agatgacngg ttgatgggtg cagcaaacca 480
ccatggcagg tgtataccta tctaacaacac ctgcagggtt tacacatgtg tcccanaact 540
taaagtatag ttaaaaaaaaa aaaggatgan tggtagacac agctgacaca cccacgaat 600
atctgggggg ctttgagaan gttgctgana tccagtaatc atgtggcaag tttcagttat 660
ttttattgag acctcttggc tcaataggct gttgaagtcc ttggaaactcc atcaaagggtg 720
ggtttcccaa tctnecatga ctgcng 746

```

<210> 2886

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 2886

```

acngcgnncn ctgaacngga aatccccntt tgcacnggat cccatcgatt cgaattcggc 60
acgaggtgat agagatcatg ccgcttgggt tntttnttc tccccctcgt tgtaattcag 120
caggettecc agtgtgccct gcatcctcat ctgtgaggcc gacttcaact tcattcccac 180
ttatagggtg aggagactga ggcacagagc tcccaaagcc ccacagctgg cgagtggcag 240
ggctagcgtg cgatgtccac tagactgggt tctgacgcag aagctgcgct tctcaccctt 300
gggatctgga agataattct gatgtgtgag atccaggaga atgcattgtt taaccagaaa 360
atgttttgta actgcatttt tgtttttgac agaaatgtga ctgcccactg aatantgagc 420
attggaatta gagaccatct agctgccggg gctgggntgg gtcattcttc gncnttaag 480
actgaattgg gatgctggat tccantctta aaaaccggca tggngacata ccacaaacag 540
ggtancntaa aacaacaaaa tntttttcac aattctgaag ggtaaaaggc tgaaatcang 600
gcntgtgggc acggtgagct ctttcttgan gcanactggt cccgttcctt nccggaacct 660

```

```

ccggnnggca acaagcttgc cctnngggggn nccctgnctt ggancctgng ttaaccccan 720
actnttgncc ccgncttnat ggggnancc 749

```

```

<210> 2887
<211> 742
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (742)
<223> n = A,T,C or G

```

```

<400> 2887
gaatnaatcg cttggctact cgcnccttttc tgcaggatcc catcgattcg tgtggcccca 60
agagtgggag gagtgggctg tcagtaggcc acnttntaaa tatctgtgtt ctggctgacc 120
cccatatgct aggatactgg agatgaggaa ctggagaagg tgcttaaaga gcacatctgt 180
ctggtagagg acacagagct gtccttcaag catttgaacg atgttctcat ttccctggaa 240
tcttctcttc tccaggctca catctctagc tccttcaatg attcctcttg cgacatcatt 300
ttagttctct tccccaacct agtctttttg cttttaatga atgatcactg atgtatagcc 360
ctgatgacat ctggtgtcca cagtgggtgcc tgatgctccg ggtgaagttg aagtttgacc 420
agtaagaggg aagaaagaat ggctcctccc tcatttcaga gaatacatcc tagtcacaag 480
tgcccctaat gtcactcagg tttttgatag ctacattccc tcaactgatcc agtagaatac 540
actaccaact gatgcacat cttgattaac aacagcaagc cttcccttcc ttncctcaagn 600
atctctctn acatggcttc caincagatt tgcttttaac ctgccacttt ggaangggcc 660
ccccgagatc attttaatta aacacgttat tagaactggg ttaataaggc tancctctat 720
gtctctgcna atatttccaa gc 742

```

```

<210> 2888
<211> 755
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

```

```

<400> 2888
nggttttnang accttggnta angccttttc tgcaggancc catcgattcg aattcggcac 60
gagctctttt cttgcttagt gatggcatcc attttaagga acaaacctgg aaatgctgag 120
caaagaacac atacccttca tttccaaagg ttcatttccc actcttactt tagattgaca 180
atgagttgta gttcaaaggc tgccctgcag ggaagctcat ataccctata atttaaaggg 240
cctcagacga ctcttgggaa acttggtaaa acattctatt tagagacatg cctgctgata 300
tgacatatat ttttatagtt ataccctttt attgctggga cataaaacct gttttcactc 360
aaaatgttcc tgctttcaga aaatagaaca agagacatgc agaaaacagt gattctatta 420
ttgtgtatta tgacttttgt tttatagttc tcttttccaa ctcatctctt ttccctgcag 480
ctgtggaatc tggacagcaa aatcttgttg acgtttatcc cactaagccc agggatgaga 540
tggcactcan gttaaagaac taacattttc tgaaaccttt cattactttt taccagcatc 600
angccctctt aagttccaag tggtaagaaa cccttcattc aaatctttac ttccgncant 660
ncccatcttc aagcccttct attatgaacc aaaatttcan gaaaccncta gggatgcccc 720
ttaagaaatt ggggttacat ggttggnccc aaaaa 755

```

```

<210> 2889
<211> 717
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2889

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagt	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtccta	300
gagccataat	cctttttttc	tccttttgtg	aaagtgacag	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agatttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccggaaaat	nacttggaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2890

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2890

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagt	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtccta	300
gagccataat	cctttttttc	tccttttgtg	aaagtgacag	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agatttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccggaaaat	nacttggaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2891

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2891

```

gagtacgang ggcanaactg gaaaccccat nnctnnanga anccanngcg atgcgaattc      60
gggcacgagg ctcttctctg tgccctttat ccgntttttc cagctcacag cactgacaac      120
cggatcatc tccaggctct ccggcacctc tatgtgctgg ccgaggagcc caggcttcta      180
gtgctgtgg atgtggacac aaacacgccc tgctatgccc tcttagaagt tacctacaag      240
ggcactcagt ggtatgaaca aaccaaagaa gaattgatgg ctctaccct tcttccagaa      300
ctccatcttt taaagcagat taaagtaaaa ggcccaagat actgggaact gctcatagat      360
ttaagcaaag gaacacaaca cttgaagtc atcttttcca aggatggggt nttatatgtt      420
aaactccggg cgggtcagct ctctacaaa gaagatccaa tgggatggca aagnttgntg      480
gctcaagact gntgctaaca ggaactcnga agccccgggc tttcaagcca gaaacaatct      540
cagcattcac ttctgatcca cacttctggc atttgtgaa nattncngca agccaactgn      600
gaacatgggg cagaaaacag gaaantctgg aactcttttc ttcagncccc atgaaagggg      660
taccaggag acccaaaaaa gttgcccgnc atacataaca atggacaggc tataagaaaa      720
cttgggaaaa naaaatgtc tgat                                     744

```

<210> 2892

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 2892

```

angttatnaa acccttttga cncgctcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagatcacg cccagctaatt tttttgtatt ttttagtaga gatgggattt caccgtgttg      120
gccaggatgg tcttgatctc ctgatcttgc gatccaccg ccttggcctc ccagagtgt      180
gggattacag gcatgagcca ccacacctgg ccacagaagg gatcatttct aaatagcata      240
gaatcacagg gagtacacct catgtgactt cacgtttaga gtcagcattt gtcataatg      300
aattacatat cagtaaatga acatgacatg cttcaacttc aataatatta aacaaaactc      360
tttcagtgtg cttattcata gacgaaaaac agggcctgaa aaccagtggt gacttgggtg      420
tcatatatct tcagtttggg tgcactatat cagtgtcaat caataaaggc caggaatgat      480
tttgagtagt aatgtccagc cttaaatctt aaatgaaagt gaaattcaaa cacttagccc      540
agcagtagaa gaacaaacac tagtgagaca agtataaatt tgntaagacg aacatggggc      600
agatcccatt atctaataata tggggtcctt cgacagtatg taccgtctnn gaanaggaag      660
naaatattca aggtncctaa atggagccat ttccttcaaa agacaggccc aaggagcttn      720
tgaaaaanaa anccaagtgt nggccaanaa angaaggggg ccct                                     764

```

<210> 2893

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 2893

```

gnntnnnnnn nngnnctngt ctttttgcag gatccctcga ttcgaattcg gcacgagatt      60
tcctgaggtc tccccagcca ggctgaactg tgagtcaatt aaacctcttt cccaataaaa      120
ttaccagtc tcgggcatgt ctttattagc agtgtgagaa tggactaata caagtacat      180
taataaattt cacaacgtag attaaatgtg caaatccctt gaaagacaca aattaaaaaa      240
tgacctgaga agaaaagaaa cttgaataga tctgtatcta ttaaagaagt tgaaattata      300
attagaaacc ttttgaacat tagaactcca ggcccttgt tgtgaattct atcgaacatt      360

```

```

taaagtagaa gtgaggccaa ttttacataa gctcttttag acaataaaga aggaacatgg      420
tttatgtgat tattaccttg atgttaaaac cagacttaag accttacaag gaaagaaaac      480
tgcagttact catgaacata gatgcaaaaa tacctaataa aagtttagca aattctatcc      540
agtaatatat aaaaatgaca attcatcatg ttcaaattggg gggtatttta agaataataag      600
ggttgcttta acatctgaaa gtcagtcagt attaattaac catactggta ttaataacct      660
agnaaaacca ttttggagca tttcaataga tgcagaaaaa gaaatttgac aaaaatggcc      720
cat                                                                    723

```

<210> 2894
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

```

<400> 2894
tacaagctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggagaggcc      60
atggccccgc agaccgtant ctcagacaca gagctgagta ttgttgaatc atctgtgatc      120
agcttgctgc aggaggcaga aagtaaattc gaacttagtc agaacatctc tgccccggaa      180
cattttgtat ttaccgatat tgatggccaa gtgtatcatc tcaactgttg aggaaactca      240
gtaaaagaca gtgctcggat tccaccagat ggaagtatgg gtagtattac ctgcatcgct      300
tggaaggtg atacattagt gcttggagat atggatggaa atttaaattt ctgggacttg      360
aaaggcagag tatccagagg aatacccaca caccgaagt gggtgaggaa gattcgtttt      420
gctcctggta aaggaaatca aaaattaata gcaatgtaca atgatggagc tgaagtgtgg      480
gatactaaag aggttcanat ggtgaacagt ttaagaagtg gcagaaatgt gacctttcgn      540
atattggatg tngactgggt tccgtcaaat aaagtgatct tggntcaga tgatgggtgc      600
atcaaaagtc ctanagatgt ctatgaagnc tgcgtgcttt anaatggatg aaccaagagt      660
taccgancc ttgtntgggg cccctatct ccttgttnca agggcctntc ttgccttgaa      720
agcccttttt attacacc                                                                    738

```

<210> 2895
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

```

<400> 2895
gtttaagcag ctctngttct ttttgcagga tcccatcgat tcgaattcgg cagcagggga      60
cgtccangat caagaggcca gcagattcgg actccgctga gggctgtttc ccgatccata      120
gatgggtgct tctcgtctga tcctcaatgg tagaagcaca aacaagcaag ctcttctctg      180
cctcttttat aaggactcca accctgttca tgagggtctt gccccatga cccaatcagc      240
tccaaaggcc ccacctccta atactgtcac cttgggggtg agaattccaa tgtgaatttg      300
cagggggagt gggggacaca cacaatttcc ggggccatac cacccttcac cacaccctcc      360
tgcgctcagg gtggcttgca gtccctggcc cttctggtgg gcatttggtg tgccttttct      420
cttgggggtg tttctgatgt ttttactcta tatagtgaaa agctagggag agcgggtctt      480
ctccccctc cctctccagt cccctcaca tccagatgg gttctaagtc agctgctggg      540
gcctgatgcc ctgagttggt tgtgattcaa taaagaatcc ataagaaaaa aanaantnnc      600
tnnnnnnnnn nnnnnnnang naannnnnnn nnnnnnnnan nggnnnnnnn annnntnaan      660
nnnnnnnnnn nnnnnnnnnn ntntnnnnnt nnnnnnnntn nntctcnnnc      710

```


<210> 2896
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (702)
 <223> n = A,T,C or G

<400> 2896

gtnatgttgc	natgctnttt	gcaggatcca	tcgattnggg	aaccaggggc	tgacagaaccn	60
gcccntcccc	aatgaggacc	ccctntggac	gccccctccc	atggagaaca	ccaggagcca	120
cagacccag	accacagagc	acacagggga	gggcacgggg	cggccggggc	aggggtgtctg	180
ctgcctcggt	tatgggattt	gtcccgcgtc	tagcacactg	ctgcctgcag	tgctcctgtc	240
ccctgcagt	gctactctgg	gcctacgggc	ctaactcctg	ttggcatgaa	aatgtcctga	300
ggctactgtg	acaaatttcc	acaagctgag	tggtttaaag	gaacacattt	gttctcttac	360
agttgcagg	gccagaagag	tctaaaaaca	gtcagcagg	ctgggtccnc	ctgnaggctt	420
ataggggctg	aatccggtnn	ctgncttttn	tagtatctgg	agggcgccctg	catecncctng	480
cttatggccc	ctttcatcac	caaancag	ngtgnacat	ctttccacct	nttcctgacc	540
ctgacctnec	ccctttctct	taaaaggacc	ntgtgtnact	ttgggcctac	ctanntnatt	600
taggggtatt	antatttaag	gaaccctgna	ttttaatncc	actggcnagn	accttttgcc	660
aggtnaagng	acaaattcca	agggttttag	gatnaaaant	gg		702

<210> 2897
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (709)
 <223> n = A,T,C or G

<400> 2897

gtcaaagctg	ntctcgnatg	ctgeggaccc	tncatgmnnc	agtgccttcc	gnaattgacc	60
cangctggga	gctattnaca	catgtccatg	tgggatanag	agngcatgan	agcncannan	120
cccancctgn	tggttnacact	tgctcatctg	aggnctnacc	tggatancan	anacctaatc	180
catgggggacn	nnaancacct	aatgngctnn	tntgtaacca	tccnnntggg	tgaatnaccn	240
gaggncgagg	antngacnac	ctctgtgacc	cacnctggga	tnaannngtg	ctantataan	300
tcgntgctgg	cttgactcct	gtgcctaagt	gacccctcctg	ccttnactng	ngactagtna	360
ggactannng	ncnacaccgg	cacacntggc	taattgctta	aantcncann	nttntnnntg	420
ganacgggan	nntantgngn	acgncnangn	tggncatgaa	cttttggcct	taagcagacc	480
ttctgntgcg	gcctnntaaa	nngnnnggat	tgatccnctn	agncnnnncc	atggcncata	540
nnattancta	naggtttaat	nttaggtgan	tttnaccgta	tattgaaatg	cncaantctt	600
aactgccagc	cnttaaagaa	ntccnatnga	gatgtaatcc	atatactnta	gaaanntgtn	660
catanttcac	catgcnttat	ttgnagggtg	accanttcac	gggttattt		709

<210> 2898
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (709)

<223> n = A,T,C or G

<400> 2898

```

ngttaagana cagctctgtt ctttttgcag gatccctcga ttccgaattc ggcccagagg 60
ctattaaaaa tgtaatcagt gtgaaaattc atgccatctg aatcgtacga gtatgtaagg 120
gatttgagtt ccttacagaa ttttctgtaa tttagtactt caagtgaact ataatgtat 180
atacttctct ctcacaaaag tgttaggaga aggaaaatct taaatactag cttgatttct 240
taatttaata acaaaaaaca attctcataa catgtatcac ctaacatgtc actttcaact 300
taaaagtcta aagagttgag gtttatttct tttcttttaa agttgatgtt tatgttggtg 360
atttcgaaaa gatcagatcc cccgttatga aggatcttaa ccttgtcttt tagatctcca 420
tgagaaatgc agtacatgta gcattagcca tatttctttt ttagaggcct atgtaggata 480
tttataacct gtaaaagtgt gatgacttca tgctcaggag aaagcaagta attacctagc 540
caagccaggt ggggtgttcag gttagtggta aacagaaagg agatgttgaa agatttcata 600
tctaaagggg aaaaacacan gagaagtata tagagataaa catgtaaagt ataagactgg 660
tacatagtaa gctcctncga agtggcagcc attggtatta tttttctgg 709

```

<210> 2899

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2899

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tgtntatagc ggctctctnc tttttgcagg atccctcgat tcgaattcgg caagagctct 60
caaatagaaa tgggagataa gaantatatc tgtgcaatat taaattgaaa aanggnaccc 120
ataaaaagtg tcaaaggcaa ataatttgc ttagatcaca aaactagtta gcacaaggct 180
aggattataa ccagggtcta ggaaaaaatc ctgaagggtga ttttaactgag tgttagggcc 240
tgtcaagcca cctgctaagg ctcatgggtc ttcagactag cttcaacatt ccaaatcagg 300
caatagctac aacggaaaga taattggacg gggaatcctg agatcagagt cctagtgttg 360
ctttgtctct tgtagcagga ttttttaa atcaggggcagc tctcttntcc catcccagcc 420
atgaatcttt caaccttagt ggtcaccaac ttgactccat tccttatatc aagccttgct 480
ctgtcaattc tcccttaa atgttaagtgc atccatttct aaatatatcc atggccatca 540
cctagtgtga aagactatta cctnacccc cgcnccttga tcttcccccn ncttttaagt 600
gactcaattc ctatatnac tgccncaaga ttaacancn tgtccatctt tcatttctct 660
gctgaaagat ntcanggggt cccctganc ccaatannng ttcgatccct 710

```

<210> 2900

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2900

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gnttntcaag tgacangann agctctgggc cctcgattcg cagaaaacta gcagggttaca 60
ttttataggg tattgtagtt ttatttacca aatgatattc tctaaatcac ttcgaccaat 120
aatgtattc tctccttaa agcagagttg tatcaactct gtgggagcat ttatgagctg 180
tcagtcccca cacttctagc cagaatcaca ataagggtctg gctgggtgtg ggggtgtgca 240
taggaaaggg tctctggaga agcaagaagg gcacaatcat ggcccactgc tccccctctc 300

```

ttctcagtg	c	ctctgctgc	gtgcttctc	ttcactccag	tgctgatact	360
cctgctctct	ctggcagctt	ccacctcacc	cgccctctt	ccacactata	accagtatgg	420
ttgggtgctgg	ggcattgact	cagccccct	gctttctgca	tttgtaatag	atattaatat	480
gatttcctaa	aacagaagat	tttgttgctt	tctttgaact	tgtattgaaa	accatacagt	540
ctcactgttt	tgttttaatt	cctatccaca	ctataaatgg	aagaaaaaaa	ttaatagctt	600
ctgtttaatc	tgatgaatgt	ggcttttttt	cccttcactt	taatgttcaa	gaagttggng	660
gctatttcat	agattcttct	ggattaatct	gggggtccct	ggtatctg		708

<210> 2901

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (709)

<223> n = A,T,C or G

<400> 2901

tttttacatc	agctcttggt	cttgccaggt	ccctcgatcc	gccgnattgg	gctatggaat	60
tggaaggcct	gttttgaggt	actctaaatt	aaaaaaaaagt	tatatattgta	aaataaccac	120
cacaagattg	cctgattcac	agttcttctg	agtattggcg	taggtaatta	tttaagatgt	180
ttgataaatt	gtaaaatgct	ttttacattt	tttaaggaat	caattgaact	actggaaacc	240
agtatgtagt	attcttggtc	ggctctaggt	tcataatcct	aatttctttg	cagcccacta	300
ttcagaaatg	tagtgattaa	cagagtcaag	aatgtttcag	gatatttttg	gctacaagta	360
acaataccta	actaaaagt	acttaaataa	taagcagttt	gttatttcac	agaatgagaa	420
gctcagagcc	agagagttac	agggttgggt	cagcagttca	gtttcatcaa	gaacataaga	480
cttgcttact	ttaaaagctc	tctgcatgtc	agcagagggc	tgccccaatt	ttagatacca	540
acatctggcc	aaagaagagc	agggaaatgct	tctttaagta	cttattaggg	agcaaaactt	600
ccttaaaaagt	ctcataggag	gtttttcctt	aggtctcatt	ggatctcaat	ggctcttgca	660
tctagaaaaa	ggccacattc	cttactctgg	catttaagtt	tttataccg		709

<210> 2902

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2902

ggctnnntnn	ccttgtnct	ttntgganct	nnctgatccc	tcgattcgaa	ttcggcacga	60
gaggagatng	ggacagagca	tcctaagatt	caggagnttt	tnctagtcac	agggagcngt	120
gctattcaga	ggccccaagg	tnnganggag	tttggnctgt	ccaaggaacg	caagaaggtc	180
antgcanctg	angcanagta	agtctgaang	agagaggtca	gggctgagat	canggaggtn	240
gtctgaggcc	cctctgaggg	ggacctgata	aanggggttg	aattcatnt	gaantgtaat	300
angtccatat	tagaagcana	aactataaaa	ggagttangc	tgataaacct	agggntcata	360
acagcacgaa	aaaggcaata	gataatanga	cacaagcaan	aaaaaattca	cgtgattaaa	420
ataatacact	tgacagagctt	acaaagagaa	atgtnagtna	tccaggaaat	ctantngcat	480
ctaagncttc	attcatctta	ccagataaat	gaaatgctna	aatntnagtt	gcttgcatac	540
ntaacacaca	gatattcttt	tatatacaca	cattcatgtc	ataaancatg	tgangnttat	600
cnanaagaat	tnanaatnct	tgtgatgagc	tttacttacc	ataggtcata	ttataatgat	660
taatgagggc	atttgaaatg	tatttcacct	atcttgagat	ttgcaanatg	ngtatgaaac	720
atgtcatatc	atnactatgc	actntaaaag	ag			752

<210> 2903
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2903

gtcttcttca	agatgnancg	ctttcgncen	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagaccatt	ttattttttg	ggccattacc	ctttacccct	tattgctgcc	aaaaccacat	120
gggctggggg	ccagggctgg	atggacagac	acctccccct	acccatatcc	ctcccgtgtg	180
tggttggaaa	acttttggtt	tttgggggtt	ttttttttct	gaataaaaaa	gattctacta	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaactc	gancctttaa	300
aactntagng	agtcgtatta	cgtaaatacca	gacntgataa	gatncattga	tgagtttgga	360
caaaccncaa	ctagaatgca	gngaaaaaaa	ngctttattt	gnnaaatttg	ggatgctatn	420
gcttnattng	tanccattnt	aagctgcant	aaacaagtta	ncancancan	tngcnttcat	480
ttnatgttn	aggttcaggg	ggaggtgtgg	gaggtttttn	aattcncggc	cgcggngcca	540
atgcattggg	cccggtagcc	annttttgn	cccttnagtg	agggttaatt	gcnccttggg	600
cgtaatcatg	gcatagctgt	ttcctgngng	aaattgttat	ccgntcacia	ttcacacaaa	660
catacgaacc	cgggagcata	aagtgtaaaa	ccctgggggtg	cctaattgagt	gagctaactc	720
acattaaatt	gnggttgngc	tnactggccg	ctttcaa			757

<210> 2904
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2904

cttanacaaa	ntcntgtgac	ttgctctttt	tgcaggatcc	catcgattcg	ctcagattaa	60
gggtttgaaa	aacaaaccga	aaaagatggg	cttnataaag	ccagacttga	ttgacgttga	120
cttaatcaga	gggtcaacat	ttgccaaagc	aaaacctgaa	attccatgga	catctctgac	180
tcggaagggg	cttggttcgag	ttgtattttt	tccattgttc	agcaattggg	ggattcaggt	240
tacctcttta	agaatctttg	tttggtctgt	actactttat	ttcatgcaag	ttatagcaat	300
tgtcttatat	ttgatgatgc	ctattgtgaa	cataagttaa	gtacttggac	ccttgtgcct	360
tatgctactc	atgggaactg	tccactgtca	aattgtgtct	actcagataa	caagaccatc	420
aggaaacaat	ggaaatcgaa	gaagaagagt	ttcgctcttg	ttgcccaggc	tgagtgcaa	480
tggcgcaatc	tcggctcact	gcaaccgata	cctcctgagt	tcaagcgatt	ctcctgcctc	540
agcctctcaa	gtagctggga	ttacctgcgt	atgccaccac	accagctaa	tttttttttt	600
tgaatttagt	agagatggga	tttcaccatg	ttaatcangc	tgatctagaa	ctcctgacct	660
cangtgatcc	accgcctcgt	gtcttccaaa	aggactgggg	attacaggcg	tgagccactg	720
gaccagccg	ctaaactttt	aataaggatt				750

<210> 2905
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2905

cntnngnaga	ncctntttga	cnagcncttt	ttgcaggatc	ccatcgattc	gttttgcct	60
gctaaaatga	tgcttagcct	gaaaaatcgg	attnnactt	ctcaaattta	tttttccaac	120
tcagtaatta	aaaaaacatt	tacttcctgc	ctactgggtt	gtggaatatt	gtcaggatct	180
ctgggttcca	ggtgagggat	gcagaatgca	gggaaagaca	ggccccctgc	cctccagaag	240
tcggtggcgc	cttttcagag	taacacacac	tggagcagac	ccctggaaaa	ggacagtcca	300
ctggtggacc	atgaccttgg	tcaaaagagg	gaccaggctc	ggcttgcctc	ctgttttgca	360
cccaagaagt	atgtgctcag	ggaatgaggg	ggtagattc	ctcctcattc	attaccattc	420
ttactaggca	gaggcctcat	tgggattaaa	agacaggaat	gtaactctct	gcccactgat	480
agggaaatgtg	tggttgcctc	ttgtatccca	gggtgtgat	acctctttcc	tgtggtcact	540
ctgcacttaa	gatatcttgg	ggcctggcac	gggtgctcac	gcctgtagtt	ccaacacttt	600
gggacgcaa	ngtgggcaga	tcacgangtc	aagagatcga	gaccatnctg	gncaacatgg	660
tgaaaccttg	tctctactaa	aaatccacag	attanccagg	cgtggtggca	agtgcctctg	720
aatcccactt	cttaggaaaa	ctgaggcagg	a			751

<210> 2906
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2906

tttttaatcc	ttgctcttgt	tctttttgca	ggatccctcg	attcgagag	tcaacatgga	60
gcctctcact	gtgaaatgat	ccatggattg	aaggatatgg	taaaatgttt	atagtttact	120
ttgaaagtaa	aatatactat	gtcttggttt	tgaggatatt	ggatacaaaa	ctctcttctc	180
ttagggtctac	tgagtcttga	ttcctgatca	tcagaaatct	caccagaaac	aacttgcttc	240
caatataccc	aattctatat	gaagaattca	tggagagtgt	actggcactg	gaagagtcca	300
gtgtttcttg	tatgcttgaa	aataaagtat	gtactgnttt	gaatgtgaaa	annnctatnt	360
aaananactc	nagcctntag	aactatagtg	agtcgtatta	cgtagatcca	gacatgataa	420
gatncattga	tgagtttgga	caaaccacac	tagaatgcag	tgaaaaaaat	gctgtatttg	480
cgaaatttgt	gatgctatng	ctttatttgt	aaccattata	agctgcaata	aacaagttaa	540
caacaacaat	tgcnttcatt	ttatgttcan	gttccaaggg	gaggtgtggg	aggttttcta	600
atnagctgtc	nactatnccc	nttgcnnntn	tatnncaccn	aatttttgnt	tcntttnaan	660
anaccctatt	tcnggcntn	gccctanncn	nggttnnaan	tgcnttcccn	tnaannnata	720
ntncttgntt	tgcccttcen	anaatgcngg	gan			753

<210> 2907
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 2907

gcntnnaaga	ccncttgga	aattcccctt	ttgcaggatc	ccatcgattc	gaattcggca	60
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cgagcagcgg cgaggtctgc gggaggcatg ntttttagct nnggacgagc gccggcgggg 120
ccccgcggca ggggagcagc tgcagcagca acacgtctct tgccaggtct tccccgagcg 180
tctggccccag gggaatcccc agcaagggtt cttctccagc ttcttcacca gcaaccagaa 240
gtgccagctt aggctcctga agacgtctga gacaaatcca tatgtcaaac ttctgtctga 300
tgctatgaaa cactcaggtt gtgctgttaa caaagataga cacttttctt gcgaagactg 360
taatggaaat gtcagtggag gttttgatgc ttcaacatct cagatagntt tgtgccagaa 420
taatatccat aatcaggccc atatgaacag agtggncaca cacgagctta ttcattgcatt 480
tgatcattgg cgtgcccatt ccgactggnt accaacaatca gacatttggc ccngctcaaa 540
ggttcngagc tngctaaccn tanngggaga cngnnnaacn tggncaaatg anantantcaa 600
ngccacattt acggnncnan aacaacacca ccaaacttgg ngngcgaana nanannccct 660
ctttnnnatn cnggnnnnnn nngaacnca ancncanana anaagcctnn anaangcncn 720
nnganccaan nnnnnnnnaa aannnnnnca ancnncccn nnnccntnnn nnaaggance 780
c 781

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<210> 2908

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 2908

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ngttaagacc tgctcttggt cttnttgcag gatcccatcg attcgaanaa ttttatggac 60
ttctatggat atttcttgat gcttagagat ttgttttttt aattgcaaat gtgaattggn 120
tatttacnaa tgctattaca tatggagcgg gcctgtggtg tatggcacta ttccttggac 180
taatggtacc caggttccat tctctgctca gctcgggtggc tctagacaaa gcccttaaaa 240
tgctgtctgc ttcagtctcc ttaatggtga agtggaaatg aatacctact gtcacttaac 300
tcatggagat gctggactga taattagatc atgtaatagc acttttgagct gtattgaaaa 360
atatgttgte tcaaattaag tagagtctat ggttttgnaa atataaatat attgccagaa 420
aatacatcac tgggggagca aaacatgtag accaaatata acagggatta gnaacatcag 480
taaacatagt tgggaaaaga tggcactaaa gaaagccaag aagaaagtgt tgctcttgn 540
aaccaaataa aaaaaaaaaa aactcgagcc tntanaacta tantgagtcg attacgtaga 600
tnngacatg atnagatcat tgtgagtttg gacaaccaca ctagaatgca gtgaaaaaaa 660
tgctttattg tgaaattgtg atctatgctt tattgtacc 699

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<210> 2909

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2909

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ggatccnatn gcnggatccc atcgattcga ancccgcneg agtctaggcn tganccattg 60
cncccanccc aggtttttta tnnnaannna ancntgctga gnntnnaang ngaaaagagg 120
ccagntgttg tggtctctgn ctgnggnccc agctnctccg gaggtctggc catgaggatc 180
atttngccc aggtctgcaat gcaanggcac nnatcacggc tttctgcac cttnacntgc 240
tgggcnggac acggagaccc tgtttatnaa ngatgaantg ctggagtacn caatngnata 300
tgnnanataa ntncactnt nntaaagnan ctgtatatnn aatgagtga agcanatntg 360
gcanactgtt aatngtacat atattgaaac tatagctttn acacttcttt gaccacaacg 420

```

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ggtatatgta ncacttgata tgatgcacaa tnngtgcacc anntatatnt ntgtcttntg      480
acntgggttt tgacnnagnt tcactntgcg tncagncttg angntgctac tnactgaaga      540
tcggngnaaaa atnntcnnct ncactggggn gattanaana tatactggng ttatcantgg      600
aagaaangtt ntntacccaa annntngaa ccctctttta aaaggattgg nttnagtaaa      660
ttttaccgnt nggttcccc acnttntttn caggnttccn ttttggnnng agttttngnn      720
ccaaacccc                                     729

```

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<210> 2910
<211> 751
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

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<400> 2910
ganggctctt gttctttttg caggatccca tcgattcgta aatgttgaaa ttaactagac      60
aaagtagttg aagtcctgat gaaaagattg ttcagttctt cttctcctgt agctcagaac      120
ctgtttggat catacattta aatgtagaaa tataaagctt ttagaagaaa acataggtga      180
aaacctacaa gacaaaactt ggtgaagagt ttctccatgt gatgcaaaaa catgatccat      240
agaagaaaga aatctgtaaa ttggacttta tcaaaattaa aaacatttgc tttgcaaaat      300
gccctgttaa gatgatgaaa aaacaaacta catactggga ggaaatactt gaaaactgct      360
tatctgacaa aggactctta tctaggatat ataaaaacta aaaactcaat agtaaaaagg      420
caaacagtc aattagaaaa tgggcaaaag atattcattt cgccaaaaag gttatacgga      480
tgtcagctga acacatgaaa agatgttcag catcactagc ccgtcagagg aaattgaaaa      540
atgacatatt acccacacac ctattagaac agttggaact cttgcttgaa cccangaag      600
tttaaagacc cggcctgnaa caaccaccan gccaagggaac cttgtcttaa aaaaaaatt      660
aaaaatttaa aaaaatttagc ggacccaatt ttggaaattg gcntgggcaa aaggaatttt      720
tgaaagaaaa atcangaact tcttnantna c                                     751

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<210> 2911
<211> 720
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

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```

<400> 2911
tgggnnnnnn ttntnnnnnt acangctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg agaagatgtt tgattcttca gataactttt gaaatgtgct ataaagggcc      120
tagtttaaaa ggaacttctt ttgaaaagca attaacagtt gataaagggg taaataaaaa      180
ttatctagta aggaatttct tattggaatg taaacgtggg tctaatttta aatagacagt      240
gatataaaga ataaaaagta aacagtgaaa ttgagttctc cagggaaaag gcagacctgt      300
ttagtaaaaa aaggatgctt ttttcagtga tgtctttttt tgagtgcata tgtgtgtgac      360
tcttgaagaa atccatgttc agatttatca gatgattgaa gtgggtgttc tgaataaaga      420
aagctgtgag gcctgaggca gtgacgtatc aggaaacata ttttattgga gatttggaag      480
ctatagtaaa acataatggc aataagccaa cttcccagtg gtaaaccac agtggtggtt      540
tagttactaa cctcttgatg accgaggagg ttaataattg gatattgcag agcagcaata      600
tgtaacctgt gtgtaatctc anggccctca ggtaaacagt ttcagtnaga agctaagaga      660
acactgacaa aatttagctt accatgacta gctgccagtt ttatgtgggc ctgtgttccc      720

```

<210> 2912
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2912

gnnntnnntt	ttnnatnnac	aggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatggt	cttaatttag	120
agacagatga	aggctcagga	ctttcctagg	cagataaaaag	aagaaagaag	ctgctttttg	180
aaaagaggga	tcaagattag	gacaaaaagg	gagattcagc	catcagcaga	accctaatga	240
gagcctacaa	agagacactg	tctactcaga	gtacatcttc	agacatccag	ggccccaaagc	300
tactgtgttt	actgttagcc	cttagccatt	gttaagtctt	actgctttat	aactcttctt	360
taagaatata	ttaatagtaa	aattacttac	tcctatatata	acaacgaatc	cttaattatc	420
aaaaacattt	atagtcatca	cctcatgatt	cagtttgccc	ttctctagtc	caaatagaatt	480
gaagtaggaa	ttcataggac	cgttcctagt	gaagaaaagat	tttagtgcta	tttaaagaaa	540
gtaaaaagta	tattctcttc	tgatagaaat	tttcattctg	ataatatatt	atttgnatct	600
ttttttaatg	tcatggcaag	aaatgcaagt	tgatgggcaa	gggacaatgg	ctnacacctg	660
taatcccaca	ctttgggang	ccnanatggg	ctgatcacct	gaggcaggag	ttccn	715

<210> 2913
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 2913

gttnnnnnnt	tntnnntana	caggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggcatctgg	actaatagt	aaagagtggg	atagtgtgaa	actgcatgct	120
acagttatga	atacactatt	caggaaagac	cccaatgttg	tttgagaact	tctactttgg	180
ctccctaaag	ctgaattcaa	ttcacatctc	tcagagggtc	accgtagaca	gctttggaaa	240
ctacgcttcc	tgtggacaaa	ttgacttctc	ctgagggtga	tcttggaag	cactagaaac	300
taaacatctt	caccaggtgc	tgaagaaaag	tgtcttcgtt	ttaattgcc	agcanggatg	360
tggacatttg	gatggtgact	tccttggtg	gntccccata	gattcaccat	tgcctcta	420
gggtgtctaca	cccgctacac	taccagctga	gatggtgggt	ggcataagga	gaatttgtgc	480
ctataacctt	agtgggtctg	gttttttctt	ttaattntta	aattgtcnta	aaatctcata	540
aaacatactg	ncttcaccat	ttttaaagt	cacagtttan	taaccgttac	tggtaatcct	600
tcataatgct	gtgtggcccg	nnancgccgn	catnttcata	ggcttctcac	ttggnaaaat	660
gggaactggc	ccattaacaa	gaattccact	cctccaaaaa	aaaaa		705

<210> 2914
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)

<223> n = A,T,C or G

<400> 2914

gttnnnnnntt	cnatatngac	aggctacttg	ttcttttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	aatatatcac	atcatgtaat	aagcctctca	gagatgtagc	attgagcaga	120
ttaaggcctc	atttatagaa	gaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	180
ctttaacaat	gtcttgaggt	cattgtcatt	taaagagatg	actcantggt	tttatttagt	240
agaaataaat	actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	300
ttgacagata	actcagtaaa	ttgcgtctca	aatattaata	agttttattct	atgccagcac	360
caaaaatatt	tcagagatgc	ttttaggctt	ctctcaagta	tgtcgggaac	agaaaaggat	420
tatagaaata	tttatagtag	gcataaactt	gcacaaaagc	tcaaagtacc	ttaagcaagc	480
ttgttgcaat	tattcttttg	gagaactgga	ttaagtaatt	atttcttggt	gcctctgact	540
atttaacctc	ctactaaact	gccattgnt	taaatgtctc	ttatttagct	ctgnttttat	600
cactccttaa	atttaatat	ctcaaggcca	aaattatagc	antgatgggc	angacatctt	660
tgaagacaat	tanattctga	gaggataatt	tatatgtana	attaggaata	ttcn	714

<210> 2915

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2915

tgtntatagc	ggctctcntc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagctct	60
caaatagaaa	tgggagataa	gaantatatc	tgtgcaatat	taaattgaaa	aanggnaccc	120
ataaaaagtg	tcaaaggcaa	ataatttgct	ctagatcaca	aaactagtta	gcacaaggct	180
aggattataa	ccaggggtcta	ggaaaaaatc	ctgaagggtga	tttaactgag	tgttaggccc	240
tgtcaagcca	cctgctaagg	ctcatgggtct	ttcagactag	cttcaacatt	ccaaatcagg	300
caatagctac	aacgggaaaga	taattggacg	gggaatcctg	agatcagagt	cctagtgttg	360
ctttgtctct	tgtagcagga	ttttttaaat	caggggcagc	tctcttntcc	catcccagcc	420
atgaatcttt	caaccttagt	ggtcaccaac	ttgactccat	tccttatatc	aagccttgct	480
ctgtcaattc	tcccttaaat	gttaagttgc	atccatttct	aaatatatcc	atggccatca	540
ccctagtga	aagactatta	cctnacaccc	cgcnccttga	tcttcccccn	ncttttaagt	600
gactcaattc	cttatatnac	tgcncnaaga	ttaacancn	tgtccatctt	tcatttctct	660
gctgaaagat	ntcanggggt	cccctganc	caaatanng	ttcgatccct		710

<210> 2916

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2916

gnggcnttnt	gtanangnta	cagctacttg	ttcttttttgc	aggatccctc	gattngcagt	60
cctctgcata	aagctgagag	atgcctacag	ctgagagtga	agcaaaagta	aaaaccaaag	120
ttcgtctgga	agaattgctt	aagaccacac	gtgatctaat	gcgtgaaaag	aaaaaactga	180
agaaaaaact	tgtcaggtct	gaagaaaaca	tctcacctga	cactattaga	agcaatcttc	240
actatatgaa	agaaactaca	agtgatgatc	ccgacactat	tagaagcaat	cttccccata	300

ttaaagaaac	tacaagtgat	gatgtaagtg	ctgctaacac	taacaacctg	aagaagagca	360
cgagagtcac	taaaaacaaa	ttgaggaaca	cacagtttagc	aactgaaaat	cctaattggtg	420
atgctagtgt	agaggaagac	anacaaggaa	agccaaataa	aaaggtgata	aagacggngc	480
cccagttgac	tacacaagac	ctgaaaccgg	aaactcctga	gaataagggtt	gattctcaca	540
ccagaaaaca	catncaaagc	ccagccaggc	gttgatcatc	anaaaagtga	gaaggcaant	600
ganggaagag	angagactgt	tttanaagaa	gattgaanaa	ttgntgcagc	cttttcantg	660
ncatgtnact	ngaagnaatg	ggcaaaggag	atttanaggg	gaattnnnaa	ananenc	717

<210> 2917

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2917

attttatgct	tgctctgttc	tttntgcagg	atccctcgat	tcggctgggc	tagcagaaaa	60
acctcaggca	tctgtgagga	catgagttta	cacacgctga	gactcacaga	tncaaaaatg	120
caacccaatt	ccacccctga	attgagggga	gtgcatagaa	gtgaatgtcc	cgtctttctg	180
aggtctgttg	attttgtaat	tagtaaacga	aggggtgcatt	tctgattttt	ttttcttgtg	240
tgctagaatt	cattgctagt	aaaactcaag	ataatagcga	tgagtaggag	gtatcaaaga	300
tgaactgtag	aggacagtt	taagttactt	aagaatcgtc	agcaagatga	aatctacttt	360
tagcagaaat	tgggtttttt	tgtgtttttt	tgttttgttt	tattttctaa	aagtaaagtc	420
tgcacctgtg	tcagcctgtt	agtggagggtc	tgagcaagta	aaagatgggt	tggattataa	480
acttacaac	acaggatgtt	ctgtttctca	aacgggagaa	attaagaaga	gatgcttgta	540
ttcaggagac	ggcatagcta	ctcaaaatcc	ttgatatctt	gctatgggta	gtcttgcca	600
actgtgctat	gtgacctact	atggctttat	gangtaaatt	tagtatatgt	gtcactattt	660
gaaaatttac	atatagttat	acataatgna	tttaagnngc	nanngnacng	aancctnggn	720
gnnaanattn	gnnccntnnn					740

<210> 2918

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2918

cttnnaatnn	cagctntggc	tacttgttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaatantta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttgagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	atttagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcacaaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtnt		710

<210> 2919
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2919
 cttinnaatnn cagctntggc tacttgttct ttntgcagga tcccatcgat tcggtcagat 60
 ggtagaaaat gaaatantta aatagatacc atntgagttc tgggagccag gtgaagaagt 120
 gtttgtttgt ttttgagacg gagtctcact ctgttaccca gggtggagtg cagtggcctg 180
 atcttggcgc actgcaacct ccgccttctg ggctcaagtg attctcctgc tccagcctcc 240
 tgagtagctg gggctacaga cgtgtaccac cacacctggc tactttttgt atttttagca 300
 gagaggggat ttogccatgt tggtcaggct ggttttgaac tctgacctc aggtgatctg 360
 cccaccttgg cctctcaaag tgctgggatt acaagcgtga gccactgtgc ccggccanaa 420
 ggagtgtttt gagaatggct aanagaagat aggttgaata gctatgccta catgtcacta 480
 attaacatct cagagatctc tgctacaggt tgnccgacctc atttagtcta atatttttcc 540
 aatggcatga gtataggaag ataaacgggg aatgttttga agtaataaaa aaattccatc 600
 cataaagaag aacaacatgt attaagcttt gtgcacacaaa caacacaaca ggaagacaca 660
 taaggcagaa cctttttanaa aaaaaannng gnnnnccaaa naggcaggtnt 710

<210> 2920
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 2920
 gttmntngat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcaccgagg 60
 taccacatct agatacgagg tcagagttca gatgcctaaa tattgtagct tgtgtttngt 120
 ccactgttgg gggaagagtg aagagatttg acataccata atgttgatta gcttgtgatg 180
 gtttggcggc agcttaggcc agagcataaa gtaaaaagga aaagtgttca cagacaatga 240
 aaactgggac caagtgggtga atactcaagg cacacagacc angcaaggat cccagtggcc 300
 gtggatgagt ctgaggctgg ctctgggcca ntggaaacaca cctcagtgtg ggtgaaggcc 360
 tagccagggt agcanagggc agggctacag aacagcagcc cangtggctg tggccgacct 420
 gacattctcc tgtgaaaatc angtgcccaa ccagcactaa cctagataga tggcancatt 480
 ttntttcttt aangacagga tcttgctatg ttgctcaggc tgactttgaa ctctgncct 540
 taaaggatcc tccctcttca gcttnccaaa nactgggggt tacagatgtg agcccttcaa 600
 cgtnagtgcc atngggctan aancctaacc ccncattgct tgntgatcgt nacgctcgna 660
 atcnnttttna taaacggntn tncaancctt gagcttttcc gggttaagna ann 713

<210> 2921
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)

<223> n = A,T,C or G

<400> 2921

gttactcctc	tнанатсagc	tacttganga	tccctcgatt	ngaattcngc	acgaggcgat	60
ttatttnaca	gagttaaggg	gccagtacac	ttnatgggat	aaaattatct	ttntcagggg	120
atgaaggcac	aaggagaaaa	ttacttgaag	cttggagatc	ttctctggca	agcaatttac	180
aaattctggg	gttcttngat	ctggctcccn	gcccagacaa	ccanggagtt	nttnatgttc	240
tatcctcatg	tgnnannact	atacgcaata	attnngcntn	ngccatanag	gagggatccg	300
atanntgaca	tngetntecn	ncanatatac	tnncntgna	atgnnnctna	taatgcatnn	360
nnnnnattcc	tntctaggnt	acncnnantt	atatntntn	ggnaactcat	ttaacancaa	420
nttcaengca	ttcccntggg	gttacatata	cnctnaagac	tatgctgana	ctgtgcacca	480
tgnctacatn	ngggaattgg	atgggggtgt	tnacggactn	ccttgngatgc	aagnacttac	540
cagacgtttc	canccaanct	gacattgntg	naatgcatta	cncacntggg	gntncaantt	600
tactacacct	cganaggacc	gttcaenggn	atttaacctn	tcaaanatng	ttcnnanggt	660
tacaagggtcc	ccaattgttn	ganccttggg	gctttgncaa	cn		702

<210> 2922

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2922

anacctttta	nnctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggtat	60
actttgacac	tgagaacaaa	gagacagtta	tatctggaat	gggagaatta	cacctggaaa	120
tctatgctca	gaggctggaa	agagagtatg	gctgtccttg	tatcacagga	aagccaaaag	180
ttgcctttcg	agagaccatt	actgcccctg	tcccgtttga	ctttacacat	aaaaaacaat	240
cagggtggtgc	aggccagtat	ggaaaagtaa	taggtgtcct	ggagcctctg	gacccagagg	300
actacactaa	attggaattt	tcagatgaaa	cattcgatc	aaatattcca	aagcagtttg	360
tgccgtgctgt	agaaaagggg	tttttagatg	cctgcgagaa	gggccctctt	tctggtcaca	420
agctctctgg	gctccggttt	gtcctgcaag	atggagcaca	ccacatggtt	gattctaattg	480
aaatctcttt	catccgagca	ggagaagggtg	ctcttaaaaca	agccttggca	aatgcaacat	540
tatgtattct	tgaacctatt	atggctgtgg	aagttgtagc	tccaaatgaa	tttcaggggac	600
aagtaattgc	aggaattaac	cgacgccatg	gggtaatcac	tgggcaagat	ggagttgagg	660
actattttac	actgtatgca	gatgtccctc	taaatgatat	gttgggnt		708

<210> 2923

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2923

gnnnnnttct	aatgcnnngc	tntntgcag	gatcccatcg	attcgctccc	attcccggaa	60
ggaggagaca	gttactgtct	atcccgcaga	cgtgggtgctc	tttgaaggga	tcctggggca	120
gaatgagggtg	gactatcgcc	agaagcaggt	ggatcatcctg	agccaggata	gcttctaccg	180
tgctcttacc	tcggagcaga	aggccaaagc	cctgaagggtc	cagttcaact	ttgaccaccc	240
ggatgccttt	gacaatgaac	tcattctcaa	aacactcaaa	gaaatcactg	aagggaaaac	300

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agtcacagatc cccgtgtatg actttgtctc ccattcccag gaggtacgag acctgttcca      360
gatgaagctt tttgtggata cagatgcgga caccgcgctc tcacgcagag tattaaggga      420
catcagcgag agaggcaggg atcttgagca gattttatct cagtacatta cgttcgtcaa      480
gcctgccttt gaggaattct gcttgccaac aaagaagtat gctgatgtga tcatccctag      540
aggtgcagat aatctggtgg ccatcaacct catcgtgcag cacatccagg acatcctgaa      600
tggagggccc ttcaaacggc agaccaatgg ctgtctcaac ggctacaccc cttcacgcaa      660
gangcangca tcggagtnca gcagcaggcc gcattgaccc gtcttcatcg gaccc          715

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<210> 2924

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 2924

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gggnctttan atctataggn tacaggctac ttgttctttt tgcaggatcc catccgatgc      60
gcaagtaaga aaacatggcg gctatccttc tctcacatcg aaaaggaaat tttgaacaat      120
catggaaaat ctnggncgtg ctnggaaaac anagaagaga aatgttgag gaaagattgt      180
ttaanactaa tgaaatacct tttagaacag ctganagaaa ggtttaacng acaaaaaanca      240
tctggataaa tnttcttctt atcatgtgaa aactgccttc tttnacntat gtncccagna      300
ccctcaanac agtcagtng accanacnga nctggncctn tgctttgana actggatgac      360
attcttgntn nattgcctna ggtcagatnn acttgagaat tagttcatcc nnncttcaat      420
ctatcctctt gcagaattnt ttgacatnta cntcagcaat ntttgctnta ncanagnccn      480
atgtaggata tctatgacct nncanngttt gatgantncn tgcnnctgna tnnnncgaga      540
gatntcctaa cnatnncann nnntaanttc tggtagtgct caacagattg gaaaaagggg      600
ccaganctgt gnctnaangg ttaaaancnc aggannagta ttttncgtaa acatgnaaan      660
gnttangact gttcatnnnt tgntcctccg aaantgggca ccnttntta ttnattccnc      720
tgcg          724

```

<210> 2925

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2925

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ttcggcacga gcggaacctat cggagcgtaa cctggatctc cgcaggcctg gcgaggccg      120
gccacctgga ggggcattgc ttggttcgcg tggtagcaga ggagcttgag aatgttcgca      180
tcttaccaca tacagttctt tacatggctg attcagaaac tttcattagt ctggaagagt      240
gtcgtggcca taagagagca aggaaaagaa ctagtatgga aacagcactt gcccttgaga      300
agctattccc caaacaatgc caagtccttg ggattgtgac cccaggaatt gtagtgactc      360
caatgggata angtagcaat cgacctcagg aaatagaaat tggagaatct ggttttgctt      420
tattattccc ttcaaattga aggaataaaa atncaacctt ttcattttat taaggatcca      480
aagaatttaa cattagaaag acatnaactt actgaagtag gtcttttaga taccctgaac      540
ttcgtgtggt cttgnctttg gttataattg ctgtaagggt ggagccagta attatctgca      600
gcaagtagtc acncttttca gtgatatgaa tatcatcttt ggcttggang ccantngaca      660
acctgncatt actgactttt tgaaaanaac cctctggata ttgatgcctc ggggtgtggtt      720

```

ggactgncat ttagtggacc ccgaatcc

748

<210> 2926

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2926

tnaatanagc tctngttctt tntgcaggat cccatcgatt cgaattcggc acgaggtctt	60
cctgtgcagg gtgctttggt agccatcaga gaggaaccaa gggcaacatc tttcttccc	120
aggcgttctt ctctgggtgc tttattctct tctttttctt tatttcgccc ccaccccat	180
ccctgcctt tntttttttt ttttgtatag aaacagatcc atttcttggt aatcaaagca	240
catttgtttg gtcttctctc aaccctttgc atttgatttc taaacattcc ttcatatgcc	300
tttaatgaaa gccagcantt atcccatggg ccctacttga atttatctga ggcagctaca	360
gattgccttg caagatgagt ttttgagat aaatgaaata actggacaca cactcacaca	420
agtaacacca cagcagacct cggagtactg ctaagtgtac ctgtgtcaaa tccgcacang	480
actcaatata gcaattnatt cttgatgtat gcaatngccc attggaaatt atttttaaca	540
gagcnccact taattaattt ggaataggat tatataatat tagaatcttt ggggtatggg	600
ncttttaacc cttcttncca tgggggaaac ttnntttccc ttnccctgaa tgggtngaaa	660
ttgggaccat ttttaaaaag cctttggtcc cggtgnaacc ttttggcatt acccatttna	720
aaccgnangc cnccaggntt tanagaaacc ntgaaatttg aagaaaaaaa gggccccaat	780
nggncnttga aattttttaa ccnatgggt ggccc	815

<210> 2927

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 2927

tggnaagtgnn nnnnnntttt ataaagacag gctacttggt ctttttgcag gateccatcg	60
attcgaattc ggcacgagcc aggcttgaag ttatctctaa tttagagggt agggacagtg	120
acacaggaaa gaggtctctgt gctttatata tggagatgtg ggatcataaa aacgtctttt	180
taatctgatg atcattaaaa caccgggtga tgtggcacag ctgctaateg gaatacattt	240
ccatttctgc ggggattgag catgtcttcg gaacctctg caatagcttt agaaacaaac	300
gttcctttta tcagggtgaga aaactacct atggcatgcc tccggatatg tagttcttcc	360
tangctacaa aatatcagag gttaacttca ggcaaatga tnaaactagc agtagtattt	420
cctattacta tctgcagnnt gcttcaaaat ttcaaaaagg tttcngaaaa atcactaaat	480
acgaagggca cacttcattc atttattcca aggaatctat ttggtgccag acattgcatg	540
gaattgtatg gattttttaa atgaaatggg ggctctctct taagcagacc atggcaagga	600
aacttgaaaa ctccgacgca tccangggac gaagactnac atttacatng agatactact	660
cgggattcac aanacacgac gtntccatga cgctcggtca acacttgcatt ttttacctca	720
tgggattcng gtcctctttc attttaaagg cgnnggc	756

<210> 2928

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2928

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gnnggnnnnn nntttttana tcagctcttg ttctttttgc aggatccctc gattcgaatt      60
cggcacgaga ttgaactctg aacttttgaa acctgaatcc ttcaggaaag agtttggtga      120
gcaggaagta gacctagtta attgtaggac caatgaaatc atcacaggag ccacagtagg      180
agacttctgg gatggatttg aagatgttcc aaatcgtttg aaaaatgaaa agaaccaat      240
ggtgttgaaa cttaaggact ggccaccagg agaagatttt agagatatga tgccttccag      300
gtttgatgat ctgatggcca acattccact gcccgagtac acaaggcgag atggcaaact      360
gaatttggcc tctaggctgc caaactactt tgttcggcca gatctgggccc ccaagatgta      420
taatgcttat ggattaatca ctctgaaga tcggaaatat ggaacaacaa atcttcactt      480
agatgtatct gatgcantca atgtcatggt ctatgtggga attnccaaag gacantgtga      540
gcaagaagaa gaaagtcctt aagaccattc aagatggaga ttctgacgaa ctcacataaa      600
gcgattattg aaggaaagag aaccnagcc tgggcacata tttctgcaag gcacgagaaa      660
tagggatttt taaaagnnta gaaacagnca aaaaccacna ccatttatnt ga              712
```

<210> 2929

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2929

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ngnanaacag nnttttnagat acagctcttg ttctttttgc aggatccctc gattcgaatt      60
cggcacgagg ccaattccag gccctcctcc acgcagtgtg ccaccaacag acttctctca      120
actgattgat tgtccagagt ttgtaccagg ccaagccttt tgctcacata cagagtctgc      180
cccaaattct ccaagaattg gaagccatt gagcccaaag aaaaacagtg aaacaagtat      240
tcttcaagca atgtctagag gtttgtctac cagtttgctt gacttggact cagaaccttg      300
gatagaagtt aaaaaaagac atcagccagc ccagtgaaa ttgaggggaat cagtgtctgt      360
ccctgaaggg tcattaaatc agctatgttc ttcagaagaa ccagaacaag aagaacttga      420
ttttttgttt gatgaagaga ttgaacaaat aggacgaaaa aacacattta ctgattggtc      480
tgataatgat tcagattatg aaattgatga ccaagactta aacaagattt tgattgtaac      540
tcagacacca ctttatgtga aaaaacatcg tggaggagat cgaacaggca cccacatgtc      600
tcgggcaaaa atcacatctt gaacttgcta aagttatcaa tgatggctta tattattatg      660
aacaggatct atgggtngga agaagattga aaccaaacc acnngccnta aaaggggcaa      720
ttncctgnga aacgcccttt ctgntatga aa              752
```

<210> 2930

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2930

gagngnnntn	ntttcnaatn	acagctactt	gttctttttg	caggatccca	tcgattcggt	60
atagctgtgt	cggctctagca	ttttctttga	agcatatgga	acatgttctg	ctactcgaga	120
taatgaacat	ttccttctgc	ctcaaggtag	aatcagttta	tgatcctggg	agagcaagaa	180
gcaaggagcc	agcaagtctg	gacacattcc	anaggccacg	aggggtttta	tgctcctgagt	240
cctggattcc	atccaagcca	tgaggggttt	tatgccctag	gcttaggttg	tagtgcggtg	300
gggcagcctt	ccacccttaa	gcacagaacc	tggtgttcca	taggccacaa	gaagttttta	360
actctggacc	caggacatgt	tccaaggctc	ttttcatatt	atgtcagact	agcaagtctt	420
gcctcagctt	tnctcccaac	aattggactg	atgggttgct	ccactgggca	caagcatcat	480
gggttcttaa	aacaaggccc	tgaacaagca	ccaaatatgt	tcctgtcacc	acactncact	540
agcccttcaa	ctataaacat	gcataggagt	cacctggggg	ccttgctaaa	taaaatgcaa	600
cttctgattc	aataagtctt	aaacaggacc	agaagattct	gcgtctcttg	gtgagttccc	660
nagtgangca	gacaatgccc	agttcacaaa	ctcacatttt	gagatacagn	acctggggcca	720
tttnggttcc	caatgtgctt	gataaccctg	g			751

<210> 2931

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2931

agntgattcc	nantgaaagc	ccttgtcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagatggaa	tgtgcgttcc	acccctgtt	cagtctcacc	agtggggcct	gccggctgga	120
ttaccgcaga	cccgagaaca	ggagcttcta	cctggccctc	tacaagcaga	tgagcttctt	180
ggagaagcga	ggctgcccgc	gcacggcgct	ggagtactgc	aagctcatcc	tgagtctcga	240
gccggatgag	gacccctctt	gcatgctgct	gctcatcgac	cacctggcct	tgccggcccg	300
gaactacgag	tacctgatcc	gcctcttcca	ggagtgggag	gctcatcgga	acctgtccca	360
gctccctaatt	tttgcccttct	ctgttccact	ggcgtatttc	ctgctgagcc	agcagacaga	420
cctccctgag	tgtgagcaga	gctctgccag	gcagaaggcc	tctctcctga	tacagcaggc	480
gctcaccatg	ttccctggag	tcctcctgcc	cctgctcgag	tcttgacgtg	tgccggcccg	540
cgccagcggt	tccagtcacc	gcttcttttg	acccaatgct	gaaataagcc	agcccccctgc	600
cctgagccag	ctggtgaacc	tgtaccttgg	gangtcacac	tttctctggn	aagaaccggn	660
caccatgaac	tggctggang	agaacgtnc	cganggtctg	caagcantgg	gatcccgggga	720
cccagccgtg	ggaacctgtg	aagaaccggc	ggaag			755

<210> 2932

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 2932

ananatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagatgac	60
tgagtgtata	ccctagttaa	aatgatcagg	ggagacttaa	ctgaaagggg	taattgagct	120
agattttgaag	gatgaggagt	agcagactag	tcaaagaaag	ggagagaaga	acatacctaa	180
acatctgatc	accagtgact	gagaaagtta	tcaggatcaa	gtggaaagag	aaaggactag	240
cagagttaca	ggttagagaa	acaggtaaag	gctactatgg	acggcataat	agttgcatcc	300


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catgttttgt ctcttaagaa cagttgcaaa ctattgaagg ttttaaagct gtgtgttggg 360
ccgggtgtgg tggcttgtgc ctgtaatccc agcactttgg gaggccgagg cgggtggatc 420
acgangtcag gagtttgaga ccagcctggc caatatgggtg aaatnccgtc tctattaaaa 480
aattaaaaag tagcccaggc cgttgtggca tgccccctgt aagtcttcaa ctatttttga 540
aaangcttga ggcnaaaaag aaattcgctt tggaaacccc ggggaaagtg gaaagggttg 600
ccaantggaa gcccnnaaaa atcggnncc acnttgcaat ttcccaaacc ctgggggccg 660
aaccnnaanc cnaggaaaact ttnggtnttt aacaaaaaaa nmaaaaaaaa aaaggccctt 720
tttttngaaa acttttttan tnggaaggtn cnntanttta nccgttagna ttcccccgga 780
ccattggatt tanggnattc ccantttgga ttgaaaattt ttngggaacc caaaancccc 840
cccaaacnt 849

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<210> 2933
<211> 855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(855)
<223> n = A,T,C or G

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<400> 2933
ngngtganc nntttttat ncanacaggc tacttgttct ttttgcagga tcccatcgat 60
tcgctcaagt aggtttttat ttatttatta ctttatttta ttttatttta ttattatttt 120
tttttgagac agagtctcac tctgtcaccc aggtctggagt gcagtggccg gatctcggtc 180
cactacaagc tctgcctcct gggttcacgc cattctcctg cctcaacctc ccgagtagct 240
gggactacag gcgcctgcca ctgtgcccg ctaatttttt gtatttttag tagagacagg 300
gtttcaccat attagccagg atggtctcga tctcctgacc ttgttatctg ccgcctcga 360
cctcccaaag tgctgggatt acaggcgtga gtcaccatgc ccagcctcaa gtaggttttt 420
aatgaatttc ttatactttt aaaatacaac attatggcan taaaagacta ttccactnct 480
tttctaactc ggagattgna ttgatttttc tagtggtaat tttctggctc atacctncag 540
taccaatggg tgaaataggt gggtttaaag taggaaaatt cttcgtncng gttttccaaa 600
actttgcagg aatnaaaggc cccctangt ccatttttnc cccatttaaa ggcnnanttt 660
aagccttttt nngggnggtn ggnaagtttt ttccaattc tttgggcntt caacttgggn 720
aanncccttn aaacccttct tttaaaagcc ttcnaaagtg ggaatccctt ncccaanctt 780
tttaaactgg gccctggaaa atnaantttt gggggaacaa attaagggcc attggccacc 840
caaaccatg gcccc 855

```

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<210> 2934
<211> 727
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

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<400> 2934
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cgagancgat taacactnct aaagngtcaa gngctngggt ntttnggctt agntgtgctg 120
ccntcngga anncatntnt ggggnaatgg tgnatacac ctcnattana aatnagcaca 180
tgatggntgg ncaccgtggc tcacgcctgt aatcccngca ctttgggang ctnaggngnn 240
nggatcacct gangtcnga ntttganacc agcctgncca acatgnngan acctcatccc 300
ttctnnanat atanagaant agctngncat ggtggcgcac gcctgncntt nnagctactn 360
aagacgctgn ngcaggagaa nctnttgaac ccagtaggtg aagggttgc ntagctnnca 420

```

tencaccatt	gcactccagc	ctgngccnncn	agancgaanc	tctgtcttat	acatgcaaaa	480
annaggaggt	tggattactt	gaggtcatgg	atnmanatca	ntctgaccan	catngtgaaa	540
cnctatcnct	ncttaaaatn	ttaaattagc	cnttcatggg	gacctcacgc	ntgnantccc	600
atcttctggg	gaggctgang	caggagaatt	tctagacctg	ggangnngag	ttcagcngca	660
nnacggccct	ggatccacct	gggcacaaaa	cgaactntnc	tcaaaaagaa	attnaccctt	720
aaacttn						727

<210> 2935

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2935

ngnngggangc	tnctttcagc	tcttggttctt	tntgcaggat	cccatcgatt	cgtctgggac	60
caataatgtt	ttaaaaatat	attcatttga	gattcagaaa	acttgcacat	catttgctac	120
tcctatcatc	ttaacagtga	agaaaactga	ggcctagaga	cattaagggg	gttgagggtc	180
cagagacatg	tctcaagaaa	gcattgctgt	taaaatgtgc	agttcgtggg	ttttcagtcc	240
atctcttaag	aaaccaagtc	aatcttcccc	tcaggaaaaa	gaaaagaagt	agcaataagc	300
aatttggtta	tactactact	tcttatcaag	gtaaaaaatg	cctcataatc	aggcataccc	360
atgggccttg	tttcacaaag	gcactaagat	gaggcaatgt	aggtcccaaa	aaacaaaaag	420
acagtttttt	ggagttgctg	agggtgacaa	ccctagtttt	atacttttgt	aataccagtg	480
accttggaat	tacaagcttg	gggttaagaa	ctcaagggtt	cattaagact	ccctggaaca	540
ttctggaaaa	ccagcttttag	agtcttcatt	gaactcaaat	ctcagcacca	cagttaaatg	600
agtgaagtcaa	aaagaacata	agtttaaaaga	aatttaacca	nggaaccaga	tgtttctctt	660
cacaccacac	tgntttaaca	tccagtattc	gtngaccttt	ttctttcccc	caccatcctn	720
tggattttacc	ttaggctttc	caaaggcntt	aatgaaant			759

<210> 2936

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2936

tgnnnnaate	nctaattgca	ggctacttgt	tctttntgca	ggatcccatc	gattgggaat	60
tcggcacgag	gctatattgtg	ttttgttgca	ctgttttttt	tgtttgtttg	tttgtttatt	120
tggttggttt	tttgagagg	gaaatggggg	tgaaatat	ttttattgtt	gaatcatttt	180
gtgaatgtcc	ccctcaaaaa	aagctaattg	aatatttggc	ataaagggca	tttggtggtt	240
ttatttttgt	ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	300
aggggaacaat	tggtgatatg	catagcattg	gaatacttgt	cattatatac	tcttacaaat	360
aacacatgaa	gcaagaatga	ccaatattct	gataattggc	actggatcac	aaaatgtgat	420
aaaactttta	atgtataaaa	ctttatcaaa	taaantttat	tttccccctt	aaaatgtatt	480
ncttttagagg	cattactttt	ttaaaantat	tggtcaattc	ctgacatacg	atgtgaaggt	540
tnacaagttg	gatttccnag	tattccaana	tnaanttcct	tgatttttca	attaaggcaa	600
aaacgtcaaa	atcccaaaaan	ngntnnccna	taaacaaaaa	nttgcnnntn	tttaaaaang	660
gnttangcct	tttaaatann	gaatcantta	attcntntat	nnngcntngn	nnttgnaaaa	720
attanccctt	ntnnntannn	tnccctttnt	nttaaatttt	nnnggtngnn	ctggaaaaan	780

atnngncccc ttgntanngg gcctccctng gcnnttanag aaaaacccaa ctntnngggg 840
gcg 843

<210> 2937
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 2937
aggtnnnntaa tnttctatac agctacttgc tntttccgcn ngatcccatc gatnggaatt 60
cnnacacagag atgacctcca atgtggccag cgacgagatc gcacagcacg cgctgcagct 120
gaggcagggg gctttggaga tgagccgtaa ccgtattgcc gaaaacctgg gggatgtcca 180
nataagtgc aagatcacca tctcaaanaa cttcaangan aatgtgattc accctatcct 240
gaaagctnac ttcngangg atgagtntct gggacggatc aatgagatcg tctacttctc 300
ccccttctgc cactcggagc tcatccaagt atcnnacaag gaacttgaan tntcgggncc 360
tnanaggcnc ncnnnnggnc aatnnnnatc nnctcngtgn cntnataaac actgattctc 420
ngtntgataa ntacgatana cnatatcatt ctgtnatacn caaagangtg ncaccanccc 480
tnttctcact nttgantanc tntggcngtc tnttanggtg atanagtgc ccctannaaa 540
ntcccattnn tacttgaagc atacnttttg gcnnaaaaaac naggttcttg ntatcaatag 600
ctcctaanaag tcnaaattnt ncatttttaa cnnnctgtta naaatttttt tcaagcnnnt 660
tantgannat tcctaagtga aaaccttttn aaaaacnaaa cctttnaagg taaaaannat 720
tnttnnnntc ttttcaaaac nttntttnaa cccaagnann cnncc 766

<210> 2938
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 2938
ggngtgnntt tnagatacag ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
gcacgagcaa aggccgtcac accaagggtca ggccaggagc ctaggctaaa ggaaacttca 120
ccaccgggga catcagctgc tgtggccaga gaagagaaca tgaaagcca catcccgctc 180
ctgcagccac ccactttgct gtcacttccc agctgaagtg aggagggact gttcagaaac 240
atcgaactga gcaagggtctc tgtctacctc atggaaaacc tgatctggaa atgacacttg 300
gaataaaata agattactct tccattaaaa ggaaatccac ccaaaagaga gaaatagtgg 360
tatatttcag ttttacataa taatttctag agataagata acccattgca ttagttgatt 420
cagttaccaa tttagctaag tgtgagggag aacatgggac ttgacttttt ttctttcaga 480
aaatcaagtt tgccatattg aaaaatgctg tcagctctgc caccggttct gtcattaatc 540
atgggaaaga gctgatcang ttttgattgt ttcttcagan gcacttttgt catgtaatgc 600
atatatttca attaaaatat gcaggagaat gcaaagntaa taattnaggg aaaatnatna 660
agtgttgcca ttggctatta attactaaaa aaaaanaaaa aaaaactcga gcctntaaaa 720
ctatagtgcg tcgtattacg taanatccc 749

<210> 2939
<211> 770
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 2939

cttattncat nnagctcttg ttctttttgc aggatcccat cgattcgaat tcggcagcag	60
gttgatttgg aaagcagtag tgtggacgaa ttgcgagaga agcttagtga aatcagtggg	120
attccttttg atgatattga atttgctaag ggtagaggaa catttccctg tgatatttct	180
gtccttgata ttcatacaaga tttagactgg aatcctaag tttctaccct gaatgtctgg	240
cctctttata tctgtgatga tgggtgcggtc atattttatag ggataaaaca gaagaattaa	300
tggaattgac agatgagcaa agaaatgaac tgatgaaaaa agaaagcagt cgactccaga	360
agactggaca tcgtgtaaca tactcacctc gtaaagagaa agcactaaaa atatatctgg	420
atggagcacc aaataaagat ctgactcaag actgactctg atagtgtagc attttccctg	480
ggggagtttt ggttttaatt agatggttca ctaccactgg gtagtgccat tttggccgga	540
catggttggg gtaaccacgt gacaccacac tgattggact gccctacacc aatcagaact	600
cagtgcccaa tgggccactg ttttgactcg gaatcatgtt gtgcactata gtcaaatgta	660
ctgtaaagtg gaaanggatg tgccaaaaaa ttaaaaaaaa ccnccaaaaa agcttccaaa	720
aaaaaacctt taaactatag tgagtcgtnt acntagatcc aacatgataa	770

<210> 2940

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(904)

<223> n = A,T,C or G

<400> 2940

ctacttggtc tttttgcagg atcccatcga ttngaatc ggcacgagag gtaggcacct	60
ggcatgtcag ttgcctgaat ttgaaagttt tcacctgtat gttttggncg ataaaaataa	120
aaatgtaatt tatatatctg aatcaggtct gtatgttatg atcaattgct cagcaatttc	180
gggcagttgg tttgatgggt atgtagtaat gtancctgag agcagaaata cagagcctct	240
gggctagana aagtataaat ggcacccatg gctatgtagg gttcagctct tcagaaggaa	300
ctttcatttt tcattgtgac acatcgacta catgttgtna aagaacatag tttcannaat	360
tcttcnngtt agaaacatac gtttccctcaa aatatttcac tttcangcat tgggtanaaaa	420
aagtncceat gtnattngac tangcnatn tnccttaaaa aatangccan ttttctnnaa	480
ccanngata natancccca cgtttnttta actattttca ngtcatttta acantcnccc	540
tncattttct nnnnnccnnn ggnttaantt ctcnanccta ttttncnnnn canaaacnnt	600
ncntttctna cctnaatcat attttccac tnnncctnaa ctannnnana nancatntnn	660
attcnctcat ncnannnnnn ttggcatann ntltanacta taggcatnaa ctcnttcata	720
tnnatatnnt nctncaatnt acatnatntt ngntanatan ttcacnttc tattctnenn	780
ntcatnnnn taannnnntt ccnacnttan nnnntatcnn nnntanttgt tcntatanen	840
cntntatcnn tcnatantnn nmatntntan ntatcttanc ntatccanaa tncananaca	900
cgcc	904

<210> 2941

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2941

tncttcaann	nntgggtctcg	tcttttcccag	gatccctcga	ttcgaattcg	gcacgaggca	60
gaagccaatt	ccttgtgaaa	agctgactgc	catcagtaat	ctcaatagaa	aagagatatg	120
ttttctggag	tcataaagga	attcaattcc	taggggtttt	gtttttgttt	ttgagatgta	180
atattgctct	gttgcccagg	ctggagtgc	gtggtatgat	ctcaccttac	tgcaaccacc	240
acttcctggg	ttcaagcgat	tctcctgcct	cagcctcccc	agtagctggg	attacaggca	300
ccagccacca	tgcttggtta	atTTTTTTgt	atTTTTtagt	gagatgtggg	ttctccatgt	360
tggtccaggct	gggtctcaaaa	tcttgacctc	aagtcactcg	ctggccttga	cctcaciaag	420
tgctggccca	gccgagattt	gttttctaag	atactttgtg	tcatgaacag	ttcagtttag	480
tgcatgaac	tattcacttc	atatttttct	tgnattaaact	ggttaaattt	ttaaaatata	540
ttgtagtaac	tcttttaaaat	gtatgtaaag	taaatggctg	cagaaagggt	tttttagagaa	600
tccctgcttc	catcagtaat	acagcaatat	tacccccaaa	aaaaaaaaatn	aaaaaaaaaaa	660
cttcgagccc	tntanaacta	tagnggagtc	cgtnttacgt	aaaatnccag	gacntgataa	720
ggantccatt	ggatganttt	gggacaancc	ncacttgnaa	tgcantggaa	a	771

<210> 2942
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2942

ctnttaantn	netnttngn	ctaccogttc	tttttgcagg	atccctcgat	togaattcgg	60	
cacgaggtag	tttgagtgtt	tgggggttca	nnncacacat	gcaattttgc	ttacaaaaag	120	
tattttataa	tacagtttca	tacagaatta	ccttaaaagg	gagtcttatg	ttttcaacta	180	
cagatagttg	taagggatca	tacagaagat	attgatgata	gttgaaatat	tcttagaagg	240	
ggtgtgtatg	tctagctgtg	tctaccatgt	gtatgtattc	ttgacaagca	gtataaaata	300	
cctgtgattt	ttctttacat	tagggataat	gcataaggaa	ttaatcttca	tatatattat	360	
catcccta	at	gtagcagggg	gaagtattta	attgcccatt	atatgtattt	tacttatact	420
atgccagaga	ggaaactata	aagtaattac	acatgtaatc	ttgggttttt	cacatatgta	480	
ggtattcatt	ttgagttagt	tgaagaagaa	aaaaaatatt	taaatgaatt	gaattcctga	540	
tgggatagta	tcaataagta	tttaaaagcc	agtattctaa	aaataataaa	gggtagggtc	600	
atTTTTgagt	ttgggttttct	tttgctattg	gtaatatcca	aaattaaagt	gttcattggg	660	
acctgggtggc	cttaatgcat	ttattgnaga	cagcattgag	atgatgaaca	aggggttagc	720	
aatagccaac	tctataataa	ttttgcctaa	atacc			755	

<210> 2943
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2943

ttnanntnat	nttgctattg	cntnttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
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ctcatccatg gatcagggag gcacgccagg gagtaaccca gttctgcccc gcaagctaca      120
ccccactaac tctgggccct gtctgtgcta tttaacattt cattnanaca ggagctcctg      180
ggaagaagct tggctcagta tncctgggnag atcacccctc aaagnctccc tcnggtatat      240
tctaagtgan gacggatccc atatatacct cacttaggct ttactctgct ctgcaagcac      300
aggcaagacc agctacatct ttgnacgccca cccctgggtc ttagtaggcc aagaacctca      360
gaaactggna nggcactaag agctgtatct tagaaactgt gttgaaatta catttattca      420
gctttgatct gggngggccc tgtacctggc actgctacaa gtgtttcaag aaggtgcgaa      480
ngagatatct ttacaggcaa aatagantat atttcctctn cagnttcatt tgactgcttg      540
tttaaaaaaa aatatgaaag atngtacaga gagtncccat atcccccat ctagtctctc      600
tntattaaca tctgccatta gtgnggtgta ttgtgcacaa ttaataaacc catagtggtn      660
aaattattgn tggcaaaaat ccatacttca ttcaaatttc ctctggtnan tcctaattggc      720
ctttnttgct attctangga tcttatcc                                     748

```

<210> 2944

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2944

```

gtnnnnntng tgtaatcgct tggtgcagg atccctcgat ggccaattcg gcacgaggtg      60
ttgctcaang agcagaccgg actccntaag gtcattcatt aatgggcatn atangtttga      120
anactgtcca ananantang ngtcaataca tcaacnnctt tanntgcttg atattgnnat      180
tgaanaacac angnctcngn ctagtctgcc tganatgatg tttaagatac tccggaagga      240
gacanantgt tntgantgog gattaganac cacngaagnn aactnaagg ancancatct      300
ccacctngna actgnattnn cngaccanaa aagngaactg gaccaaattg tctcaaaggt      360
gctggcagct taanagcgtg ttangactct gcacgaagan gacaggtntt ntgagagcct      420
ggnnannaca ctctcccaaa ctaaactgna nctttcaaca nangggancc ccannttggt      480
ggagaaatca ggtganctgt tggcccttcc acaaagangc aaattctntg agggcnagac      540
ttnanccttt ttgngaacc agtncttgac tgactaaatg aaagcttttt aagccaggtg      600
gcccancctt aangaagcna ctttttaate cancggaacc ngcttgagan aaaaccnttt      660
ttgacccaaa accnggagaa ccagctggcc taccaaaggg aaatgggccc ccatttgaac      720
ttgggggttc ccangaacaa nccttgncgg ggncaaagcc cnttggttga aaggacctca      780
acct                                     784

```

<210> 2945

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2945

```

ttcaatgttn ntnaaactct ttggaancag nctcccatcg attcgaattc ggcacgagaa      60
cagatagaga cttggtctta aaaaaaaagg aaaagatttt gaaacaaaaa attagctggg      120
cctagtgggtg tgtgctgtg ctcccagcta cttgggaggg tgaggtggga ggatggcttg      180
agccctggag gttgaggtcg cagtgaacca tgattgtgcc actgcgctcc agcctgggtg      240
agagagcaag actctgtctt taataataat aataataata ataaagtggg caggaagggg      300
ccccaggga ggagcataaa cctctccagt ggctgtgatt tgtcagtaag gacatggggc      360

```

```

atctggcgga caaatacccc tacagcgata gcatttttcg ggcattttgt ggtctcaagg      420
cgccctgctt gccctcagtg gatgctttgt ccagcccgcg ggcattttat ccagcagaca      480
agcagaagca gcagttttgt cattcgagcc ggcttccctg ccatgggtaca ttacgtgagc      540
aggcggtctg ctgtgctgtg ctctgtggag atcacacgtg agattcgaca gcaactcgctt      600
ctgcangctt ctctttcctg ggttctttta agatgaagag agaaccgccg anaggcgggg      660
cttgcggaaa ggcncctggga aaaagnaatg gaatnatggn ctttaacaat ggtgccccgt      720
gaactggaat ggttctgant ggcttgccag aactcttgag tcaact                        765

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<210> 2946
<211> 751
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

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<400> 2946
ancgtgnctt atnnacnctt tggaagacct ccatcgattc gaattcggca cgaggctatt      60
ccgaatagcc ccaggtgatc cnttttacac canttttagc aatggaagtc agcacctctg      120
ctggggccaag gccatgcttc cccagcctgt ggctgcgcct ctgctgtctc tccgggtctc      180
acctggggcgg gaggtctctc tggaggccag gacctgcctt gtgagggtgc ccttgtggga      240
gaggcgcttg cccaaacctg ctgttccccg ggggtctcctt ggtggccccc aggactggag      300
ctctctgccc agagtgcctc tccccagagg ttaggactcc catgaccctg tccccctgcc      360
actgtgacct ggggtttgca tggtttcctt ctttcctagt tgtggtgaaa tcatcacttg      420
tgtgtttcgt tnttcctgtt ctctgctgat ttaccgatgt atttaattga aagtaaaaaa      480
aggaaaaaaa gaaaaangnn naaaanannn cnnnnnaann nanaaaaaaa aaaaaactcg      540
agcctntana aactatagng agtcgaatta cgtaaatacca gacatgataa gatncattga      600
tgantttgga caaacncaa ctagaatgca nngaaaaaaa nctttatttg ggaaaatttg      660
ggangcctat ggcttatttg gaaccattta agctgcanaa aacaagttta ccacaacaat      720
tggcattcat ttnaggttca agttcanggg g

```

```

<210> 2947
<211> 750
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

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```

<400> 2947
ntnctttntg nnntnaaacn ctttggtgaag cancatecca tegattcgaa ttccggcacc      60
gaagggcctt ccagatcggt ctgtncacc tacctntncc gantttngnc ttncagatcg      120
tgctgtccca cctacctgna catntgccac agttggccct gggccaaccc cacgaagggc      180
ctgggcctaa ccccttggcc tggccactt ncagagggag cctgggcccgt gtgccagctc      240
ccagacacta cctgggtagc tcangggagg aggtgggggt ccaggagggg gatccctctc      300
ccttggggct gccctgtgtg agggggatcc cgcctctaga actatagtga gtcgtattac      360
gtagatccag acatgataag atacattgat gagtttggtg aaaccacaac tagaatgcac      420
tgaaaaaaat gctttatttg tgaaatttgt gatgctattg ctntatttgt aaccattata      480
agctgcaata aacaagttaa caacaacaat tgcattcatt ttatgtttca ngttcacggg      540
gaggtgtggg aggtttttta attcgnggcc gcngcgccna tgcattgggc ccggtaccca      600
acttttggtc cctttagtga nggttaattg cncgctggcg tantcatggn catagctggt      660
nctgtgngaa aanggtatnc gntcacaatn ncacacaaca tacgaccggg gagcataaat      720

```

gtaaacctgg ggtgctnatg agtgactacc

750

<210> 2948

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2948

ctatagacag	ctacntgctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagagatt	60
tcagtaaagc	tcgttcgttt	tgtttggtt	tctttttacc	tagttgctat	agtgtctaca	120
gtctatactc	aatacctata	aaatgcagta	agcatgtgtt	acagaaagag	gttctggtgg	180
gagagaaagg	tgctgttgag	acaggagaat	tgtcttaagc	atataaaaca	tgtatgattc	240
cagaatttta	gtatgttttg	tataaaacta	tttttcatta	cggagactag	aagtgaacag	300
agaattacac	aagtgtgact	atacaaattg	naaaacagat	actataatat	ttccttttat	360
tttagtggtta	tttagcttta	ttacagattt	ctatttttgt	caaaacttca	tggttccttt	420
caagatcttt	tttgccaaaa	catttttgata	ctatagcatt	gncatttgaa	agtaagtgtt	480
ctanactata	aaaccaatga	acttctacat	gagccctaca	gacaggcatg	tgtagaaggc	540
aatttatcaa	acctattgca	ctggcatgaa	aagtgtgtat	aataattttg	ctagccccaa	600
agcaagctag	ttttctttgc	ttgcttcctt	ttctttcntt	ttttccttgc	tnttnaagnn	660
ttgaancttt	tttaaaccatg	gttgaggaat	tctctaggnn	ggattccttt	tgggcgtnat	720
ntaaaccccc	ttcttttttg	gtttctggaa	nacccg			757

<210> 2949

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2949

ncgctnctaa	cnnntggcgc	tatgcttggc	gctnganccc	tnngtnngna	ntcggcncga	60
gggtnaagct	tcattcantg	tcattcacc	cantactggt	ttgattctan	ggcctangaa	120
aataggactg	agcaaagccc	ttgtccagat	ggaacttatg	tnttanangg	gaaaacacac	180
catatncagg	tnnacagngt	acnatcacga	aangntaaat	gtctatgaag	aacattgtgc	240
agacggcgat	ngngntanat	agggnaaggt	tnnnnangac	agcatagctt	gatgtacnag	300
cnagananac	anatagngaa	anncctntcc	atactaaggg	aatgggaaat	aangctnnnt	360
tttgcttgn	tgaccttcaa	acatgagaat	tgctanagct	ctgtgccaaag	gntnaagagt	420
ggaanacaat	ntaagcttca	gctacatcac	ttacggccta	taggccacac	tgaactgtgc	480
nngnaaaact	cannntgagc	cangctcnen	ncttaacata	tttaaagggt	ctntnctgtg	540
cgcngcaaga	agacnacagg	acaggtncag	ctntgtnncc	acnnganntt	gatnttgact	600
tcanngtac	atattntggg	ctnantntnn	gantnaaaat	gcgctatcnc	ccataagtnt	660
ggantcntga	ncatantgtn	gggcntctgn	cacaatgngt	attatntcaa		710

<210> 2950

<211> 749

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2950

ggntatgngg	ctntaaatat	acagctctcg	tngetctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggttaaaa	gaataaaaaa	ggaataattg	aagccttcga	gacatatggg	120
atactataaa	gccaccacat	atttgaatca	tttgggtccc	agaagacaga	gaacaaaagg	180
attggaaaac	tcatctattt	ttttgttatt	aaataataga	tgaaaacttc	ccaaatctat	240
caaagtattt	agatatccag	aaacaggagg	ctccaagatc	cgcaaacata	tacaatgcaa	300
gaaagtcttc	tccttggcac	attatagtca	aactatctaa	agtcaaagac	agaattctga	360
aaaaggcaag	agaaaagtgc	ctagtcatgt	gtaaagaaaa	ccttatcagg	ctaatagtga	420
atctctcagc	agaaacctta	caagccagga	aagaatgata	cattcaaagt	actgaatgaa	480
aaaaatgcta	tccaagggat	actatatcta	gcaaaaaatat	tctttgtaac	tgaaggagaa	540
ataaagtctt	ccccagaaat	tgcttaaggg	agtcctaata	ctggggagcaa	aatgactaca	600
tttaccatca	tgaaaactta	tgaatgtgta	aaacctgcta	atnaagcaat	ccacanagga	660
ataagggaaa	gtaattaaat	ggtcctgtac	nggaaaacca	ccaaacccaa	attggaanna	720
nancttngga	aaaaaaactcg	gcctttaa				749

<210> 2951
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2951

gnnnggnnnn	nnnnnttttn	atanatacag	gctacttggt	ctttttgcag	ggatcccatc	60
gattcgccct	gccctgggtc	tgcccggcgg	aagctctgtc	caagggtcac	acacctccag	120
gtttacgcca	acatccttgt	gccctcccca	ccttctcttc	caacgcatta	ggtgcattgt	180
ttaattgaaa	tccaaccaac	aattgtgtgt	caaggctggg	ttggtgcagt	ggctgggcaa	240
attaattttg	ggccaggatg	gggggtgggt	gcagtgaggg	taggggaaat	gtcaggagta	300
ggaagggttc	gggggttaagg	gaagggaagg	aagaccagaa	ctggccatcc	tcttttataa	360
tccattagta	gcaccatggc	tcatttgaaa	tgaaaatatt	acacttattc	cccacccaac	420
cgnagtgaac	tttctaggtg	attgttttga	aaacaatttt	tgtatctgtg	aaagtctttg	480
ctttntcttt	ccaccttcta	gaaaagtctg	ctaccagttt	ccttactgaa	tacagccata	540
ctcagccctt	ctcgcatcca	gcccgtcagg	gtcanggtca	nggtcangct	tcctnaagac	600
tagcacgcga	ttgtctgccc	tcttttgctg	aggatttttc	tctnaaccca	ngggacattg	660
ccttggactt	tctctacaaa	tgcccttaga	tgttagaaca	caaatgattc	tgnttgtgga	720
actctggctt	tttgcttatt	tncttttn				748

<210> 2952
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2952

```

gnnntggnnn nnnnnntttt atanatacag gctacttggt ctttttgcag gatcccatcg      60
attcgcccaa gctcagtttt tcgccttgaa tatgaagatg ctagaaagag ctctgcattt      120
aagcagagcc ttgtgcaatt cccggaccaa atgctgaaac tgcaagagtg ccctttaaaa      180
gaccttctta ggcattgtgac ttgttctcta ccagaacctt tgggcaacat gaaggaagtc      240
aaaggcattt actggcttgc tgttgctgcc tgcacagcac ctgaccctca accagcgtgt      300
ttgctcctgc ttcagtcaac tttatatgct ttggctctgt cagataatct cggctcaatg      360
agcatttttc atgctctacc tctctctggt ctacaggaga ttcagattgg ctttggtgga      420
cagagtgttc gattcctgag ctctgcagag ggtcttctgc tctactgtatt cagttacaac      480
aaatacctct ctcaacagct gtgtcgtgac ctctgtgtg tctgatgcc anacctgatg      540
cccgtgcct gcgctaatac tcccttgctc cacaagatct ggttcacttt ctcttgattg      600
gaaaacagaa atccctgatt tantttttgc caaatgggag ttcangtgct atccaaattc      660
canactaccc ttgggtgaca tgattacttt ntctatggaa atatggaagt caatgtccct      720
tccctggcaa aagttcannt actggtntn                                     749

```

<210> 2953

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2953

```

ttaatanaca gctcttggtc tttttgcagg atcccatcga ttcggagaac tagtcaataa      60
ggaacaggat caacggccac tccaccaggt ggcaaatacca catgcagaaa tctccaccaa      120
ggttccagcc tccaaagtga aagacgccgt ggaacagcaa ggggaggtga agaagaataa      180
aagagaaaga aaggaagaac ggcagaagaa aaggaaaaga gaaaagaaag aactaaagtt      240
agaaaaccac caggaaaact caaggaatca gaagcctaag aagcgcaaaa agggacagga      300
ggctgacctt gaggtcgggtg gggaggaagt ccctgaggcc aatggctctg cagggaagag      360
gagcaagaag aagaagcagc gcaaggacag cgccagttag gaagaggcac gcgtgggcgc      420
anggaagagg aagcggaggc actcggaggt tgaacagat tctaagaaga aaaagatgaa      480
gtccccagag catcctgagg gcggagaacc agaagacgat gaggtctctg aaaaggtaaa      540
ttcaactgga agggaaactat taaagcaatt ctgaaacagg cccagacaa tgaaattacc      600
atcaaaaagc ttaaggaaaa aggttttttag ctgagtactt cccagtgac cagattgagc      660
cattaccaga ttcccgaag anggaacttc ctgggtccat tnttttacca nggaaaaatt      720
cngccaagga acccttaacc nttaagttt nttaaaangg cn                               762

```

<210> 2954

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2954

```

ngnnggnnnn nnnnttttna atntcangct acttgttctt ttgagaggat cccatcgatt      60
ngaattcggc acgagatcac cttggagctc cttgagttag ttctgatcaa gccattacac      120
tcttttcatg tagacctgcc tgtaagtgtg gacatgcaca ctgagctgac cttactgttc      180
aaaagctgga gaaaaagaaa cagctttcat acagtgcaaa ctgtctacgt ctatgtaaaa      240
gaatttgaga aacatggcag tagccattgc taattaatct gggtatgtgt aaatagttta      300
acttgatttt tgactctggt gtttgatctt attttaagat cgatggagtt aattgcttca      360

```

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tgacagttct tatgaaacat gcttttttat atccttgtgc caatgttttg tttacagatc      420
tttcaaaatg aattcactct gagaaataat gaaatgacaa ttgtgtggca catgttaggc      480
gttagataaa ttgggagttc tcttcttttg taagattagc tttaaatcca caattaattt      540
cagttaggag agaataagca tccataccct atctctttta ccttgattac aactagatac      600
ccccggacag aagacaaagc aaccacccaa agacttctga aaaggtagat agtagccagg      660
cagactgggg aagaagaaat tnaaaaccct gaacaccaat tttggcantg aggtttacct      720
gggtttaata tatttctncc caaaacttgg ctcaanaanc g                          761

```

<210> 2955

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 2955

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gggtgnnggga aaacnggctt ttatacatatc aggctacttg ttctttttgc aggnatccca      60
tcgattnggc ctcagagtct ctgatcaagc agattccacg aatcctcggc ccaggtttaa      120
ataaggcagg aaagtccgt tccctgctca cacacaacga aaacatgggt gccaaagtgg      180
atgaggtgaa gtccacaatc aagttccaaa tgaagaagggt gagggtggtc ggcggttg      240
tatgggtgaa ggtgttgga ggggtctaat cttatccaag tctctaaata tgccagtaag      300
agcaccacc aggattgaaa cttttggagt aaccctgggtc ttggcccggt tccaagtacc      360
tgctcaccag gccactgggg gaggaaggac angccnatct gctatttggn caccaacctg      420
acttgatcct ctcttccctc tcccangngt tatgtcttgg ntgtaactga tggncacgcn      480
aagatgacag acnatnanc tgtgtttaac natnnanacn tggctggtaa cttcttgggn      540
ntcattgttt aantanaacna nttggnnnnn aangttccng gnntttatnt tattnaantn      600
aaccctnatt gtccnatac ccnaannngn cnntttttat tannnnnngnn cnttntnnn      660
attaaaatnn nntttttatc nnnattannnn nnnanntann nnnnnnaata nnnmctntng      720
naagnmatnn ttngaacnnn ttnnnnnnnn ttnnnnnnnn taannnnnnn ntaatctcnn      780
nanatttggn nntnngtann nncnttttgt nnnnacnttn nngnntnnnn annncnnng      840
tanannnnna tccc                                          854

```

<210> 2956

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2956

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tttnncngac nctnttnaac tccctgcagg atccctcgat tcgaattcgg cacgagcaca      60
agaaaatgaa attaaaaaat aaatcaagct ttcatatgct caactncatt ggaccactgc      120
aatcctgggt acatattgct ggctgaagaa acccattggn tatagtctct ctgtcactgg      180
agatatgtgt ggtgagaaag agaaatggcc acnttgcaat ancagtggga agcaaatgca      240
gaaagcacc agnaaagggg aagatctagg tgacagaggc catctactct tntggattca      300
tntggttctg gcacacagag aatggagctt ttgnggcaat aatttctcta ctgatgtgag      360
caagnatact tctttctana attagcaaat tattgctaac tatttgtaag ctaaaatnta      420
aaatnagngt ttaatgtaaa atttcaaac agaagggata atncatggnt octatacatc      480
ccataggttag taatgcattg agctaggctg tggntactcc ctcagtgtga tttgtgttca      540
cataagntct tanttgngt tgnactgnta ttattaaatn tcaagtntga cantaangcc      600

```

acagcangac	tttagagctc	naagacattn	gtnacacaa	cttnntggca	acttttttca	660
aaacnttgna	cacttttatng	ggnnnnnaaac	ttccccnttt	tnnnaaacca	gacntttggg	720
gcntcaanct	ntttgaancc	gnanntgcnn	t			751

<210> 2957

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2957

ncgaaagncc	aangccggac	nggacgggaa	caccctccca	tcgatngcga	annccggcacg	60
aggaatcttc	cttaaagncc	agagcctccc	ttantntgga	nttttgcct	gccaagcct	120
tctcgcgggg	agggaaactcc	ttctgtctgc	cgctgnnac	atccctgagg	gagaaggtct	180
gtgagctgag	cccacatcac	tcgntctgct	gcccangtgg	gcttccatct	tcactgagga	240
aaagncattn	ngaactcccc	ggcgactgca	aattaagtaa	tcaaggacag	atgggactgg	300
gtngaccatt	ccaaggagta	cagntactgg	aagaatctgg	aagcaatacc	gagcacatct	360
gntggcatna	atccattgga	gcaataatgc	tggacgtaga	aagnatgtcg	cntttttaaa	420
aaaacatcat	cannnctgag	catacgnagc	aagngaactc	taacttgga	cggangataa	480
attcntctaa	aaaacaagag	aaaaaacct	ncagacaaaa	ttatgcancg	agagctttaa	540
aaaatatana	tcccacagca	tnagggaaaa	cactttgnct	ggcnatgccc	acngnactcc	600
anccctgggc	cgacagaacc	gaggactccc	ggccccaaaa	aaaaaannan	naagaaagac	660
nngcattaaa	gggagaaacc	agncnggncc	ngggcnagaa	aaaacnanaa	nanggcaaag	720
aaggcannnn	ttnaaaanna	ntnnaaagac	caaagcagnc	anagganaaa	acc	773

<210> 2958

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 2958

gannttcnac	taatngcttg	gntctcgctc	tntatgcagg	atccctcgat	tcgaattcng	60
cacgagaagg	cctgtgccng	aggggttgcc	cagttgggag	ccngngtcnt	cctcatcagc	120
ntatcccat	gtcctctatg	cccctaant	gcttctcat	nttgagggn	ttggggagaa	180
gttggnngtg	ccacccccac	atccctgngg	aggtgttcac	ccagtctgag	anccgnnagc	240
actnaggcag	ggcctgatac	tggacctgt	tgagctnana	notcnntgnt	ngnaanganc	300
tgagacngcn	gancantgct	cacttgcatn	gagagccac	cananagctg	acacctgcgg	360
ctnngttncg	natcatctnc	nacntagaan	tctacatatn	gctgacttac	nncnnnagcc	420
caagggaatc	agattccanc	tatcaaactn	ctgattangc	cnaancctct	attgtnaaca	480
ggtnttgccg	cacntgttca	tcacnactna	tgcntogaan	agatgtgaaa	tgnaaaatgc	540
natntctatg	tntctttact	catttgataa	tntttnnnat	gtctgcattc	naaatgcgtg	600
anctttgncc	aaagcnnnta	gctacctntt	nttcgcct			639

<210> 2959

<211> 761

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2959
 nntttncnaa tncnaggcta cttgttcttt ntgcaggatc ccatcgattc gaattcggca 60
 cgagaaatca gttnttaaac tttatgtata tattntagcc agagcttaat gttttatgaa 120
 gataaaggac atgaagntta acaatggaca acngntannt cagctaattg tgagggtcaag 180
 naattgnaag acatacggga aggctttgtt ccacaatatt atatggacca ctgaacaaga 240
 atgacagccc tttgttatca cttggcatat gaaaagtgtg gtgtgcatag gttgngtnaa 300
 tttntnatgt gcntaaaaat gngatnttaa nttatatgct ctgaangata atncagggtta 360
 tagttaaaaa tgtacaatgt gccanntcan nntatntnac cctagccctc aaattattct 420
 gattaagggtt aaaatgtgct ggcttacngt gcttnancct gaggccttct gatnggntct 480
 tggnnacaga nttttaaagt aagggtgtgan ttngcaact cntgtgctnt atntataaag 540
 atatnaanta atnncatgtg ctgatatttg aaaagaattt nccccaaaat gtgttatttt 600
 aaaancnadc aaagctagct acangctnaa naggtcagc tcttctntaca taatcggntt 660
 aaanattnta aggnattata anaattgtaa attactgcc aattgggtta aaaanggggg 720
 tatacatgca annaataana ctcnagccct ttataacttt n 761

<210> 2960
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 2960
 nttcntnact naagcncttt gcaacttcct cttntgtcag gatcccatcg attcgaattc 60
 ggcacgagga tagctatctg acttctcaac tatgttttaa gcagatgttg taaatcctat 120
 gctgtagttc atgaatctat atgacatgtg gggtcgggaa catagtaccc taccataagt 180
 caggttattc ctactattct gcaacatgta aataacactt tgaacagagc aagtggtaaa 240
 gattgcttaa tttttgcatg actattatga taaatatgtt gagaaggacc agctcaaagg 300
 aaaacctctt ggtaactngg catangttaa atgtttccca agaaagtgca ctcttcccaa 360
 ataaagcttn ctccttgaaa aanaaacgnc caggtagcca nnntnaanng atgnaaangc 420
 aaaaaacnan anacacaang ctngctncag gnannngnnc tgnngctgact nttgngagc 480
 cnccangnct acggntaacc tgnngctta cnttgaatgn nactgtgncc cttganngg 540
 gaacngaaac ccctcncaa tctgaaagn gtcntgnaag gttnaccctn gnaaaaatgn 600
 aactnccnnn ccaaanntt ccngcnnaaa nnanggnntt gncccnnnn cnntantngn 660
 ccngnnnncc aatntcctan nnnctangg tntnacccc cnntnaaana gattttgnnn 720
 aagggnnttc ccatnaacnc cnngncccca annccnggna nanmnaaanc cttnnccnga 780
 atnnnnnggc ctntatcggc cccctttaa attnncgggn nnaaaaaaca annccctngn 840
 nnnnnntaa aantagg 857

<210> 2961
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 2961

nttcntnact	naagcnccttt	gcaacttcct	ctttntgcag	gatcccatcg	attcgaattc	60
ggcagcagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaactcctat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtacc	taccataagt	180
cagggtattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcatt	actattatga	taaataatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgngetgact	nttgnngagc	480
cncangnct	acggntaacc	tgnengctta	cnttgaatgn	nactgtgncc	cttgannng	540
gaacngaaac	ccntcncaa	tcttgaaagn	gtcntgnaag	gtnnaccnt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gncccnnnn	cnntantngn	660
ccngnnnncc	aatntectan	nnnttanggg	tntnacnccc	cnntnaaana	gattttgnnn	720
aagggnnttc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaa	attnnccggg	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2962

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2962

gnnnnnttna	atnnnagctc	ttgttctttn	tgcaggatcc	catcgattcg	aattcggcac	60
gaggccctgt	gttaatccag	gtgagaacag	gtagtaccca	aattagggca	tggtagcagg	120
gatgcagagg	aaagaagagg	agtangaact	atgtgggagg	tagtattact	aggattttag	180
ctttgaaggg	ttgagagaaa	tgtcaagcct	aactacaagc	aagggtttcta	gtatcagnaa	240
cttcataatca	tttgaaatac	aaanattanc	aatcaatgta	aaaaacgtcc	tgggctaagc	300
atagcatgaa	gtctgacttc	agtgtagcat	tgaggagggt	cctggcctca	natactgcac	360
cagntgttng	ntcagctntg	ggcnanaaca	ttagncagat	cattaggnat	ttttgtccct	420
tnntgcattg	tccttcgtca	tatatttatt	aaacacctac	tgtatcctag	gcagtatttn	480
ccagggatgc	aaagatnaat	tagatctggg	ngcttttctt	canagtctga	agttaagtgt	540
cangtttgtg	gggaangtta	ttctngcctt	gtgtatttag	tcccaactta	agctntaatt	600
ttngaantng	taaaacctta	tctgattata	aaaaaanna	cncagctctna	aananaggat	660
ggntgaatgc	ataaatttaa	tcttgaaaat	ttaancgact	ggttcttcaa	aatgncactt	720
ttcatccccg	ggttgcttnt	ggctga				746

<210> 2963

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2963

gnnnnnttcta	atgctaggct	acttgcttct	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggaaat	gggtaggaac	aagcattagc	ctggctctgg	ttcctccagc	tcttaggaca	120
agttggaaca	natttgctgt	tctgatgatt	catctttctg	atcacagggg	tagcataact	180

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cagctttgaa gaaaggcatc tgcagagatc atggcagttc cattttgctt tctgagtttg      240
ctccttttagg taagggaact agaatgcaga tacagttaga atcagtctct ctctctctgt      300
ttgtctgtct gtctgtcact ctctntctcc ttattgcact ganggccggg cgcggtggtt      360
cacacctgta atcccagcac tttgggaggg tgaggcatgt ggatcacgag gtcangagat      420
cgagaccatc ctggccaaca tggtgaaacc ccgtttctac taaaaatata aaaattagcc      480
ggcgtggtgg tggacgcctg tnatcccaac tactcangaa gctgangcag gagaattgct      540
tgaaaccggg gangcggang ttgcggtgan ccnaaattgc gccactgctc tccaacctgg      600
gtnacananc aagactctgn cttaaaaaaa aaanacaana aactcgagcc tntaaactat      660
agngagtcgt attacgnaga tccaaacatg ataagatnca ttggtgagtt tggacaaacc      720
ncantngaatt gccanggaaa aaaatgcttt ant                                     753

```

<210> 2964

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2964

```

tancttnata gacagctact tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggggaccac tggcctgcct gacctacccc cactaatatt ttttattttt tgcagagaca      120
ggatatgggg aaaagaaatc agattgttac tgtgtctatg tagaaaagga agccataaga      180
aactccattt tgatctgtat taagaaaaat tgttctgctt tgagatgctg ttaatctgta      240
actttagccc caacctgtg ctcacagaaa cgtactgtat tgaatcaagg tttaatggat      300
ttagggctgt gcagcatgtg ccttgtaaac aatatgtttg caggcagtat gcttggtaaa      360
agtcacgcc attctccatt ctctattaac cagggacaca atgcactgcg gaaagctgca      420
gggacctctg cctgagaaag cctgggtatt gtccaagggt tccccactg agacagcctg      480
agatatggcc tcatgggaaa ggaaagacct tacatcccc agccggacac ccttaaaggg      540
tctgtgctga ngaggaggag tgaaagaggg aggcctcttt gcagttgaga taagagtaan      600
gcttctgtct nctgctcatt cctgggaatg gaatgtcatg gtgtaaagcc accattccca      660
ttcgttggat tctgaaatag gagaaaactc cctgtggctn anaaccgaga tatgctggca      720
ncaatactgn tctgntgctc ttgctnn                                           748

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<210> 2965

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2965

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gnmnttctaa tagcnagntg ctacttgttc tttttgcagg atcccatcga ttcgaattcg      60
gcacgagaaa ggcttagatc attgacttca gattttttgt cttttctaac aagtgttcaa      120
gactataata taaatttccc tctaagcatt gtttagccac atttcacaaa tttggaaatg      180
tttattcatt ttcattctca ttcagttgaa aatattttct aatttccctt ttaatttctt      240
cttttactca cttattatct ggaaatgtgt tatttcattt ccaaataatt ggggattttc      300
aaatatctcc tgttaacaat ttctaaatta gttgtagtca gagaacatat tctgtgattt      360
caatgctgag gcttgtctga agccccagaa tatgggtgat tctgtggaat gtttcatgca      420
catgtaataa gaatgtggct ggggtgcagt gtcctgcct gtaatctcaa cactttggga      480
ggctgaggtg ggtggattac ttgaggtcag gagttcgaga ccagcctggc caacataagt      540

```

```

gaaaccctgt ctctacgaaa catacaaaaa ttagctgggt gtgggtgggtg gtgcctgttaa 600
tctcgattgc acccctgcac tttagtctgg gtgacaaagc aagactacat cttcaaaaga 660
aanananannn nnnnaaaang ntntnnnnnnn nnnnaannnnn nnnnnnnnnnn nnnnnannnnn 720
ntngnnnnnnn nnnngnnntn nnnnnaannc ccc 753

```

```

<210> 2966
<211> 745
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

```

```

<400> 2966
ggnnnnnnntt gaaangnttn ttgtcttttg cggatcccat cgattcgaat tcggcacgag 60
gttacaaaca gtggaaaaca gacattttca gatgtttgca caccatgcac catgcaaaat 120
acanaccagc tgaatcataa naacaaatga ctagttaactg ggagggtttt ctctctttct 180
cattattttt acttctacca aagtaatgtg cacataactgg tnattttatt cnattttaat 240
tttcaaccaag ctagctaatt acctttcttt gttttttgtg gaggtgggct gtcggtcttt 300
tgtcgaggct gatctccaac tcctgtcttc aagcagtcct tccactggg cctaccagag 360
tgctgggata acaggcgtga accactgcnc ctgacctata nctataatnn taagaagnaa 420
aatggngcaa aaaccnnaca ngagcaacct gacntnctac tntcanaaac aatcactttt 480
aactctttga actgnatctc tgntatttgc ctacttattt ctaagtaata tgcttactct 540
ncatgtttatc taaatgggtg attaaagctt ttnnacaagc atctcttctn actatcaaca 600
ttcacattca ttacaaangg acttacaata tctttntcaa aaaaaaaaaa nnnnnnnnaaa 660
aaaaaaaaagc ctttanaact ntanngagtc gattacgtga tcccganttg ataagganca 720
nttggtgagt ttggacaacc ccaac 745

```

```

<210> 2967
<211> 747
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 2967
ggntntnaat ttgcagctct tgnngntctt tttgcaggat cccatcgatt cgaattcggc 60
acgagcgggtg ctggtgcggc gggggactgc ggggcnngcc tcaggtagca gcagcagcag 120
cagcagcagc agcagcagca gcagcagcag cagcaatgtt tcaactcttc agaaagcctc 180
cggaatctaa aaagccctca gtaccagaga cagaagcaga tggattcgtc cttttagaag 240
catctcagag gctctccagt gacgtgctgt taaaagtgtc gaccctgggt cagacccttt 300
gggttggett cgtggctcca cgacttactc totacccttg gcagtggcgt gatctcggt 360
cactgcaacc tccgctctct gggttcaaac gattctctctg cctcagcctc ctgagtagct 420
gggactacag gggcctgccca ccacgccag ctaatttttt tttgtatttt cagtagagac 480
ggggtttcac catgttggcc aggatggtct tgatctcttg acatcatgat ccgcccgtcg 540
gcctccaaag tcctgggatt acaggcgtga gccaccgtgc ccggcctata tgttntat 600
tataaagtta tatgtnttat tatttacttt ttggtatgta attgggtatg tcataaaatt 660
ataatataat aattccttaa ccaaaattata ttccataaat tataacntat gaattcaata 720
tgcnttttatt aaataaagat tctagan 747

```

```

<210> 2968

```


<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2968

gctatnttna	tatancagct	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	ggacacgttg	gctgcgtttt	cggcgggctt	cccgggtaca	aaaatggctg	120
tggctagcga	tttctacctg	cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	180
ttctggagtt	cgaatttcgg	ccggacggtg	tttacgtgta	attgttcacc	ataggacgca	240
tgaagagtac	caagcaagag	gggagaggaa	agcttagata	tgccaacaac	agcaattaca	300
aaaatgatgt	gatgatcaga	aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	360
agagaattat	tgatgacagt	gaaattacaa	aagaagatga	tgctttgtgg	cctccccctg	420
atagggttgg	ccgacagaat	aaatgatgtt	tctcaggctt	ctgaagaact	ctgaaagcct	480
aatttcactc	tgtaaaaaga	aagtttggtt	tctgaattgg	gtcttttcaa	ctcttggaga	540
aattccttca	acaacccctg	gaaaggaaga	aacatttaat	ttcacttttg	natatccctg	600
angaatgtcc	tttgnatcac	cttctttgaa	tagaagaaaa	tgtggagaaa	tctaacacat	660
gcttgcactc	ttgtaggaat	nacttaagtc	ttctgcttaa	agaaaccctt	ntttagaaaa	720
accaaaggaa	ctttgaaatt	gtnaattgga	gatgagcncn	nt		762

<210> 2969
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 2969

nnnnnnnnnn	ttnancagct	cttggttttg	aggatccctc	gattcgaaat	attttcattg	60
gttatacaac	tgctgtgtct	tttctgagaa	actcagcccc	aatgtgtaac	accctggatt	120
ccacggggca	gcaaattcca	cacactgcac	ccatgtttgt	agcggagatt	ttcgggctga	180
ccaaaacttg	aggcgaactg	agtctccatc	ttaacactca	aacacacttc	atggcggcct	240
ggaaacaagg	caatcattat	gaagcttcag	cccagttctt	ctgaaaccaa	cgtattgggc	300
ctgcttcatt	gtctctctag	gggctaata	caaacatgtg	ggaagggaag	ctaaggaatg	360
cctgtctaga	aagggagggt	gtataatgta	gtgggaagaa	cctatctgtg	gggtaaactt	420
tttttgcate	atgtagaaag	caaactctgg	taattaaatg	tttgtgtgtg	tgtgtgtgtg	480
tgtgtgtgta	tttangtttn	nnntanggnn	nnnnntncnn	tnnncnnngc	ccngtntang	540
nnnnnnnnng	gcannngnnn	ttcncctcnn	nnncananga	nctnnngncn	ngtnnctgtn	600
cnnncttann	nnntngaangn	tnnnttnnga	aaacctnnnn	tnnncntttt	nnnnantggg	660
nnnnnnnnct	nnnnnnnnnn	nnnnnnnnnn	nnnacntnnn	ngnnnnnangn	ccnnnnnnnn	720
tnnnnnnnnnn	cnnnnnnnnn	naannnnngn	nnnnnnnnna	tttnnnnnnn	nnnnnnntnn	780
nnnnnnnnng	g					791

<210> 2970
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2970
 gntgtntnnt tacnactgct gttcttttgn aggtcccatc gattcgaatt cggcacgagt 60
 aaacatccag atgtgttttg atagcctggg gtaattaagg ttgaggacaa gtgtaccaga 120
 tcaaggagag gaaccctgcc catgcctgcc gtgtgttcag gtggctagac ttgttgttgc 180
 atctgttagt tccactctta gtacatcatt gtgctgtgag gtgtcattag ccgccgttta 240
 atttttcttt tgtttttaga gacagtgtct tgcctccacc ccggtttaag tacagtgaca 300
 tgatcatagc tgactgcaac ctcaaaactcc tgtactcaag tgatcctnct gtcttantgt 360
 cccaagaagc taggactgca ggcacacacc accatgcctg gctaattttt aatttttttg 420
 taaagatggg gtctcctatg ttgctcanct ggtctcaaac tctgtcctn aagcagtcct 480
 ccacctttgg ccttccaaag cactggggat tagnatnctt atnntcnnnn atannctta 540
 ntntnncnngt tttntctaat gggatatttna acnttttnca aannttttnn nntnnttttn 600
 nanaatncnn tttnttnenn aaggnntttt nccanntntt ntntnaannn naaannnnnn 660
 nnnnnnnntn nnnnnnnaaa anccctnttt nnnaacnntt tttntnnnnn nntnttttnn 720
 nnnnnnnnnn nnnntnnntt nnnnnnnnnn nntnnnnnat ttntnnnnnn actcnnnnnn 780
 tttntnnn 788

<210> 2971
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2971
 tatntttcna gcnctcttg ttctttttgc aggatccctc gattcgggtgg tcagcagtaa 60
 gatggaagaa agaaagtcaa agctggaaga ggccctcaac ttggcaacag aattccagaa 120
 ttccctacaa gaatttatca actggctcac tctagcagag cagagtttaa acatcgcttc 180
 tccaccaagc ctgattctaa atactgtcct ttcccagata gaagagcaca aggtttttgc 240
 taatgaagta aatgctcatc gagaccagat cattgagctg gatcaaactg ggaatcaatt 300
 aaagttcctt agccaaaagc aggatgttgt tctgatcaag aatttggttg tgagcgtgca 360
 gtctcgatgg gagaagggtg tccagcgatc tattgaaaga gggcgatcac tagatgatgc 420
 caggaagcgg gcaaaaacaat tccatgaagc ttggaaaaaa ctgattgact ggctagaaga 480
 tgcagagagt cacctggact cagaactaga gatatccaat gaccagaca aaattaaact 540
 tcagctttct aagcataagg agtttcagaa gactcttggt ggcaagcagc ctgtgtatga 600
 taccacaatt agaactggca gaacactgaa agaaaagact ttgctttccg aagatactca 660
 gaaacttgac aatttcctag gagaaatcag agacaaatga gatgatggcc gatatgtcca 720
 ccagatgacc agtgccctgcc ccggan 746

<210> 2972
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2972

```

gntnnnncnaa tgcttggtc tcgntcttnt tgntgcagga tcccatcgat tcgctaatat      60
ccagaatcta caatgaactc aaacaaattht acaagaaaaa aacaaacaac cccatcaaaa      120
agtgggcgaa ggacacgaac agacacttct caaaagaaga catttatgca gccaaaaaac      180
acatgaaaaa atgctcatca tcaactggcca tcagagaaat gcaaatcaaa accacaatga      240
gataccatct cacaccagtt agaatggcaa tcatagagct tttcatttat ctgagtgttt      300
tctctgtctt gtcgggactt gtgctttcac gagctcctgc tctcatatca ggggagttaa      360
taattgaatt tggatagttt tttggttttt agttggaaca ctctttttcc tgtggaacgt      420
ctatagaaaa aatgagtcaa acagagaata tgcaggggag gcaactctga atgcttccat      480
ggctacatac atacctgttt tctttgattt gctaaacctt aagttaaaag gaaagtactg      540
tctaaaatag ggagaaattc cctatathta taccatcatt tggagtattt acaatgggag      600
tgttttgnat tataaatgtc aaaaangttg agacaggact cacttaaatt aagangggaa      660
actttttttt aatgatggaa atangggctt aataaactta catctnctta acttctttaa      720
taattggnaa taaactatga ctggtcaaga attggacnnt cc                          762

```

<210> 2973

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 2973

```

gnnntnnnct antncnaggc tacttggttct ttntgcagga tcccatcgat tcgaattcgg      60
cacgaggtga tatgaaaagc gaatgcacca tttcttggtg atgattcagg tcagcgttgg      120
gacccaggaa tctcctgtta atcagtaccc tgggtgatttt gatccaggtc atcaagacca      180
tggttcccat cgtaggcagt cacactcttt ctctcttgga tcatttgctg tggggaagca      240
aactgtcata tgagaggaca ctcaaacagc ctctggagtc tcatttgcta aggaactgag      300
gactccagcc tgagaactca ngcaagtaac tgaggcctgc caacaacctt ggagaaagcc      360
tggaagtggg tcctccctca gccttcagtc gagacaacag ctgcaatgac agccaagcca      420
gcgccacca gcttagccac cccagagaa ctaactctca gaaacctgt aagataatac      480
atgttngttg tnttaagctg ctaagttttg gggtnattna ttatacaata gatnattaaa      540
acacatagca tataaataaa atcaataaaa ccagtatggg tcagtaatga gtttaattaga      600
taattagaca aattttgcat ttctgnttct atggtnatna ttttcttcag aaaaaattct      660
ctccgggtaa aaaatgttta aaagtgggtc ccaaccggac atttttaaaa ttaattaatc      720
agtttnggga aggccaaagc cggtttggtt tgcttttaan                          760

```

<210> 2974

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 2974

```

gcnanagcng nctnatagct cggttggctc ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gaggaagaga actatctaaa tgagtaatgg tcaagaaatt ttaaagcata      120
atgacatgaa acaaacaacc ggtccaggaa gctcagagaa tacaattcat gacaaacaac      180
aaaaatacag caccagacat agcatttctt atatgtagaa taaaagaaaa taaaataaat      240
caataaatag acaaagagaa aatcttgaca gaatctggaa tgaaaactac attccttgta      300
gagaaaaaag agcaaggatt tcagcccact tccagtaaga aaccaggcaa gaaagaagag      360

```

```

agttgcggga aatgttaagg aataaatgca ccaacttaga attctacatc tagcaaaatt      420
atacttcaaa agcagagggg aaatcagaat ttaccagaca ataaaacact aacggaatat      480
attgccagaa aactttcctg caaatgtgtt aaaagangtt attcatggag gagaagagtg      540
atatagatca gaacctgtat ttacaataag aaagcaagta tgttgaaaaa ggaaaaaaaaa      600
tgttttatgt ttcttattgn aaggtctttt taaactacat ggtttggtta aaggtaatta      660
ttaagtaaaa tggttttggg gccaanntnc ccaaaaaaaaa aannnnnnnnn nnnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaaccttng ggncctttta aaaacttttt      780
nggggngnng nntttt                                     795

```

<210> 2975

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2975

```

cagggnttct aatnncagct cttgttcttt ttgcaggatc ccatcgattg ggcaaatatt      60
aaatattcaa tgaatgatag ctgcctctac ttctcctttt gttgttttta ttttccattt      120
atggngtca tttatttatt ttaatgtctt cgaaagtatt gactttaaca agtactttgt      180
gatgcattta ttatttcatt tgttattatt tatgtatttg atttatttct ttgtgaggta      240
ggatanaatc tcantcagat ttttgctgtt aggataccac agactggata actacaaaga      300
agggaagtct gtttaactcn caattctaga ggctggcgca tctaagagca tgacactggc      360
aactggcnag gatcatctca tgggtggaagg tngaaggagg tacatganat anagagaanc      420
accatgggct ngactcgcct ntgtacaacc aaaccttnan ntnactaacc cgntcntgca      480
ataatnacat taatcccctc atgaagggtc caccctcat gactgattna catntaatta      540
ggccccacnc tcctaanatt attcacttgg gagntcaaag ntctaacacc gtnaaccttt      600
tgnngggata ncattccnaa ccnttncnc nattgntggn cnaaaaagna ccnttaccaa      660
tccctttacc ctnnttgngc ntaacncnt ttannagcgt gananntnna ctgtttcttt      720
taaaatangg ntnccttaaan tnncttggan taaattttta aattgggnant atgnncanan      780
ctttc                                     785

```

<210> 2976

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2976

```

gnnnnnnnntt nnaaatnnna ngctacttgt tctttttgca ggatcccacg gattogaatt      60
cggcacgagc ctctgcgcct ggccccgggt gggctcagccc gcgtggacca cctgaccttg      120
gcctgcaccc ccggcagctc cccacactt ttgcgctggg tccacgactg cctgggcttt      180
tgccacttgc cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg      240
tttgggcttg ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc      300
actcttggtc tggctgagtc ctttcggggg gcgacgacac gacaggacca ggtggagcag      360
ttcctggccc ggcacaaggg gccaggcctg cagcacgtgg ggctgtatac gcctaacatt      420
gtggaggcca ctgagggggg ggcaactgct ggaggccagt tcttggtcc cctgggggca      480
tactaccagc agccaggaaa ggagaggcag atccgagctg cagggcacga gcctcatctg      540
cttgctcgac aggggatcct gctagatggg gataaaggca agtttctgct tcagggtcttc      600

```

acaaagtccc	tttttaactt	gaggaacact	ttctttcctg	gaagcttgaa	ttcaanaagg	660
caaggggggg	ccaactggct	ttttgggtca	angggccaac	aatcaagaan	cnttttgtng	720
gcaantcccg	ttaccangga	agccaaatnt	tggccaaggg	aacccccagg	aaaaccctn	780
aagggtattgn	ccccaagggg	ct				802

<210> 2977

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 2977

ggcnctnttt	ctaagtcttg	gctactcgtc	ctctangcag	gatcccatcg	nttcgaattc	60
ngcacgaggt	gaagaagant	aaaagagaca	gaaagganga	acggctngan	gaaaaggaac	120
agngatgcga	aagaactnaa	gatagaaaac	caccattaaa	actnaaggan	tcenaggcct	180
annacnctca	annagggaca	ggaggtgac	ctttangctn	gtgngggagga	agtccctnnn	240
gccantggct	ntgcntggaa	aancatcatn	aagnagnngc	agcncaagg	cttctccant	300
gaggaatagg	ctcaacgtgg	gcnctcaggt	gngaggnanc	atgagcnctc	cntagtgtga	360
acatatccct	aagngtatga	tnatgaatnt	cccaggagca	ttctgcaggc	nnttaaccat	420
angacnatnn	ngctgctnct	ntgcgnatat	tnnnntngna	nggancnatc	nannctatt	480
ttgaaacagg	ccccngncan	ttgaaatttc	catecnmaat	ttcngtannc	aaggttttng	540
ctcatectac	ncnatnnctg	ancagnntna	netattcnga	naaggtaact	acangnccan	600
cnantancat	tgtagnattg	cgntatnant	ccccctcctt	tnntaattnc	cctaangnac	660
tnaanttnna	anccnnggtg	gataatagca	acnntttcga	tgtggattta	antacccttt	720
gaattccaat	ttttgnttgn	nnattnctat	acctttanca	tgttgaatcc	ctnnattaac	780
aattncttta	ntttggaact	tcttaaccce	ccttcaaatt	tttngccg		828

<210> 2978

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2978

gnnnnntttt	cnaatgctng	gctactngtt	ctttntgcag	gatcccatcg	attcgtttaa	60
aaagcatttt	attatgtatt	atgaaatatt	tcaaacataa	aaagatgtaa	agactatcta	120
ccaatgactc	cccccttaat	aaaacaaatt	aacctgaagg	ctgtttttgtg	cccctccttg	180
attgtgcatt	cacctcccaa	cccctcgctc	cttgggcaac	tgttatcttt	gttatttgtc	240
attgccttaa	cattagattt	ttttattact	gcttttgtaa	ttctaattgat	atcaaatgga	300
aaaaatat	tgaatgcaac	tcctctttta	atttgcctca	attggatatct	gtatttttta	360
gtccatgcct	gtattataag	tattataaat	actatctgtn	tatacttttg	ctaaagtcga	420
gtgtatngt	taaactgatg	atacagcttc	ataagatttt	angtcagcta	atggattgtc	480
aatattttgn	gtagaatact	taccagggtta	taaattacaa	tttgaaacat	agatattccta	540
tagttngaga	atttgaacat	agatatggat	tatgttgaaa	tcgactgcct	ttntcttagc	600
tatgacagta	ataaactata	tnacaacaaa	aaaaaaaaaa	ctatanaaac	tcgagccttt	660
tagaactata	tgagtcngat	tacgcatcc	agacntgnta	agatacattg	atgaatttgg	720
ccaaaccaca	acttgggaatg	caanngaaaa	aaa			753

<210> 2979
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 2979

gnnnnnnnttt	caaatcgcta	ggctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gaggaggagg	aagaggagga	aaatggggat	tctgtagtcc	agaataataa	120
cacttcccag	atgtctcata	agaagggtggc	cccaggcaat	cttagaaccg	gacaacaggt	180
ggaaacaaag	tcacagccac	actccctggc	cacagagacc	agaaacccag	gaggacagga	240
aatgaacaga	acggagctga	acaagttcag	ccacgtggat	tctccaaatt	cggaatgcaa	300
gggtgaggac	gcgaccgatg	accagtttga	aagccccaag	aaaaagttaa	aattcaaatt	360
ccctaagaag	caattcgccg	ctctcactca	agccattcgc	accggaacta	aaacagggaa	420
gaagactttg	caagtggtag	tctatgaaga	agaggaagag	gatggcaccc	tgaaacagca	480
catagaagcc	aagcgcttcg	aaatcgctag	gtctcaacct	gaagacaccc	cttgaaaaca	540
cagtgaggan	gcaagagcag	cccagcatcg	aagagtacat	cttccgattt	caaggaactg	600
atgaaattag	aaaaaacacc	ttcngaaca	ttgggatagc	cttggaagca	ggaccatta	660
aacaagcttg	gaaaattcca	attcggtgga	aantgagttc	cccaaaagnc	ccttanttgg	720
atacctcatg	gttcntttcc	aacaggagaa	ttctggttgc	caaggttcat	ttcccacat	780
tagccccaag	ag					792

<210> 2980
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2980

gannntgcta	ctaagtcttg	gctactcggt	ctntntgcag	gatcccatcg	attcgtggaa	60
aatataaaaa	gtgacacttt	atgcaaagt	gatggcctcc	gagctgaaat	gaaggaactg	120
gcaatctttc	caaagtggca	gccaaggccc	cactccctgt	cctactcaat	ctctgnnngg	180
aaaaactgtg	ggatangata	gcagncagct	ggggacacac	agaggaacat	tcaacaggaa	240
ggtcccgtct	agggaaaagg	ccacanancc	caccctnttg	ccgattcagg	gatccttgga	300
tntaagtgga	ttaaacgana	gggaggaaan	ctntcatttc	antggtcttc	aaatcaagtt	360
gaaatattac	tgngaggtat	cccacttnag	cctgaaccag	cagacntacg	anagggtcac	420
tctagagtca	cnaaggaaag	cangtcccnc	ngaagtgaac	acattgatcg	gaagtgnacg	480
ncncagacna	agaatggccn	acttgataat	tacttangac	ntntatttna	ccggangaac	540
atnnaaatac	ttttgtaaat	attcatattg	ntgaaccttt	cataatcagg	aatttactat	600
gtactatact	gtnagnata	attcgcttat	aatttactta	atctatctcc	ttntangaca	660
tatacnnaaa	tgggntnctn	tggaagtgtg	ctngtgcgaa	aatgttttta	aaagtttttc	720
aatttggttt	ggaaaactct	aacttttttt	nnttttn			757

<210> 2981
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2981
 gnnnnntnnn aanaacagct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgaggttacc tctcaatttt aacttttttt ttctttttta attaatgttt tttacccatg 120
 gcaagctgta atagcttttt tgaggggagg taggtgcttg ataaagaaca gtaggtgctg 180
 cttatcaaca gatgaaagga gggttctttt tcaggcaacc atctcatttg tgagtgaatg 240
 gactttctct ttaaagtgtc gggattgnta gtgccatttn tattgtaaat atcagaattg 300
 ttattcnttg tcttctacct aagaattctg tctcttaggc tttctcttcc cagatttccc 360
 aaagttagga aaagctgggt tgagagggca aaaggaaana naaagaattc tgtctctgac 420
 ataattagat aggggaaccan ttgggaagct gtaagaataa tgcagggtgca aggtggtggt 480
 ggttnagagc cgggtgatag ctgtggatgt agaaagaatc tgaatatatt gtgtcatagg 540
 gntgacctga tttgctaatt gagtagttaa ggatgtggna aagtgggaatc aagcatggct 600
 tcaangtctg ggctgaaaa accggggagaa tgagtcacat naactaagac gggaaagaca 660
 atggtagggg cctgtttagg gaanactnng nagaagatta ncncctcatt nctaattgatg 720
 taatncatan aatcttgcan ggcctt 747

<210> 2982
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2982
 nntgtngntc naatgctagg ctacttggtc tttttgcagg atcccatcga ttcgctagag 60
 tgcaatgttg cagtgcattg ctgcaatctg ggctcactgc gacctccacc tccgaggca 120
 ggagaatggc gtgaaaccag gaggaggagc ttgcagttag cagagatcgt gccactgcac 180
 tccagcctgg gtgacagagc gagactccgt ctcaaaaaaa aaaaatctaa ttatcaaattg 240
 catcccatgg tgatagtcct acattatgtg acattaacct atattcctgg gtcccttttaa 300
 ttcccaacta ctgctcttag aggtcttagc cttttatgtt aattttttata aattcaatta 360
 aataaatatt attcccaaatt cttagtgttt gcagattagt tataaatcct atccaaggta 420
 ggttaaaggc caccgtttta cagataaata gtacttttta tattttttatc tgaaatagtg 480
 catttggtga gaataaaaga aggtatgttt aaaaatagaa tcttttgggc ctggtggtac 540
 gcccttgtag tccatagctac ttgggcagct gangtggagg atctncttga gcctaggagt 600
 tccagactgc actggcgta ctgnacttca gcctgggcga cagaatgaga ccctgctntt 660
 aaaaaaatat naaatngact attttatagt tgaatgttag ttagcaagtt atcatctgag 720
 ccttaagtca aaattaaatc tttaa 745

<210> 2983
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 2983

```

gnntntttcta atngetnggc ttttgtttctt tntgcaggat cccatcgatt cgaattcggc      60
acgaggctgg  tgttaggggt ctttgttttt  ggggtttggc anagatgtgt ttaantgctg      120
tggccanaag  cggagggagg ggggtttggtg gaaattcttt gctatgatgt ctntgtggaa      180
agcggtctgt catacattca attgctatta aaaaaaaaaa aaaaaaanca caaaagataa      240
nnctaataana anaaatnctc ataaganacn angacctttt aacntnttct nactgggtatt      300
nngtaaatcc  atccttnanc ananncatnn tnnagttcng accaacaann nntngatnnc      360
cntgnaaaan ntgnttnatn agggaaattc agcgatctat tgnttnatng cgancctttt      420
ntgannccaa taancaggnn aaccacttcc atggnttctg tnaaatnctn aaggntctgg      480
gngaannatt cngagngtct ncaatactcn gncntagagn tattccatgn cccccagnac      540
ctaaatcttt ggccctttta gcatagggaa tttccccacc nnccttaat gctagccatt      600
ntctgtttca tncncaaat ttgnacttcc cataaccact tccaaganaa ananttttnc      660
ncggcggaac tntacttggg aaacctnnc gagttcccta angaagaagn ncctaacccc      720
ccattnaaaa ttgacgtncg gattttgntc canccgtttt gancaannng gnaacccttc      780
cggac                                             785

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<210> 2984

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 2984

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gcaatgcngt ctttgaatcc cgtttntaaa tccctctgtt tgcaggatcc catcgattcg      60
aattccaatt ccacattttc aagaaataag gagggcaaaa ttttcatata tgaattggaa      120
ttatttgttt tcttattagg ccgagatgcg ccgcgtgcgg ctgctggaga tggcggacgc      180
gatggatatt ttctgccaag ggttggtttg cgcattcaca gttctccgca agaattgatt      240
ggctccaatt cttggagtgg tgaagaaaga aaaaagttga actagatttg gtctgatgca      300
nttacagatt tacaaactgt gccccaccc tctgcagac acctccact cctcattctt      360
gagggattag ggatggaggt catgcttctg tatcgacttc atgctgacca gggctactga      420
gtcccctaaa gtgagaggaa tgaactctt gggcttctga gttcaaatga gttctggggt      480
cacctggagt agcttgaaag gctggtattg gtgtaataca ngctgaangt ggaagtgttg      540
gaacctgaag gacaaacagc tnaccatcca tttaaataaa taagggccca aaagttacca      600
naaccagtgg ccacnaagg gccccagcag aaggaaanaa accnnggtga aggtgccggn      660
ataatnggac ctcgantgcc tttttaaatt ctcaannngg tttggccccg ggttccaaat      720
gggctttaac gnccttggaa atttcagcc nnaaagaaaa aacccccnaa ggccaagggg      780
ggaatccttt aangggcc                                             798

```

<210> 2985

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2985

```

gcaatgcttg gnnanatnnn aggtcttga tencatcgnt tgatcnacc catcgnttcg      60
aattcggcac gaggttacct gtgtatgact gaagtacata ttcgttatct gcgtgagaca      120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg      180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc      240

```



```

agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgtttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttgta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2986

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2986

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gcaatgcttg gnnanatnnn aggctcttga tcncatcgnt tgatcnaccc catcgnttcg 60
aattcggcac gaggttacct gtgtatgact gaagtacata ttcgttatct gcgtgagaca 120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg 180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc 240
agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgtttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttgta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2987

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2987

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tcaatnnnta gggncngggn tncctntttn ntgggccagg gcantacccc cnattccgcg 60
ttattccgga aaattttccg ngacctaccg tagggntttc acacctgggn ggttgatgga 120
accttggaag gcttgcnaata atacctgcat tatcctcgca gtnggtagta cangacacca 180
tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
gctggcaaag actagacata aaacttgact cgatctnagt ncctactgct nacttggtg 300
catantcatg ncggctctgc natcaagnta atgcatgagn accttact ccatatnntc 360
nnatancaac ntgttgact gttcanagg ctntntatgg gctaagcaca aacatgctng 420
aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
aacctnttag tgggagtaat ctttgtgatg catggatgta aacagcnaat ctgggtaata 540
ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600

```

```

cagttttgct tttcaaaata tacctttaag gaaatggctt gggtaangtg gctcacacct 660
gtaatcccac acttttnaana ngcttnangt gggaangttg gctttgaggc taggagttca 720
ngaccagcct gggcaacctt nncaagantg ggcttttaca caacacnnct ccacacacac 780
ncnnactnca nanacacacg cngnccaggn tancattanc nanganttgn nttttttacc 840
cccnncnncn c 851

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<210> 2988

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2988

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tcaatnnnta gggcnngggn tncctntttt ntgggccagg gcantacccc cnattccgcg 60
ttattccgga aaattttccg ngacctaccg tagggntttc acacctgggn ggttgatgga 120
accttggaag gcttgcnata atacctgcat tatcctcgca gtnggtagta cangacacca 180
tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
gctggcaaag actagacata aaacttgact cgatctnagt ncctactgct ncaactgggtg 300
catantcatg nccgctctgc natcaagnta atgcatgagn accntcact ccataatntc 360
nnatancaac ntgttgcaact gcttcanagg ctntntatgg gctaagcaca aacatgctng 420
aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
aacctnttag tgggagtaat ctttgtgatg catggatgta aacagcnaat ctgggtaata 540
ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600
cagttttgct tttcaaaata tacctttaag gaaatggctt gggtaangtg gctcacacct 660
gtaatcccac acttttnaana ngcttnangt gggaangttg gctttgaggc taggagttca 720
ngaccagcct gggcaacctt nncaagantg ggcttttaca caacacnnct ccacacacac 780
ncnnactnca nanacacacg cngnccaggn tancattanc nanganttgn nttttttacc 840
cccnncnncn c 851

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<210> 2989

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2989

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gaanctttga tccctttctn gttctttttg caggatccca tccgattcgaa ttcggcacga 60
gggcaggcac tggagagcca ggggtggttca gnngcagctc ctctgagcag ggagtcaaac 120
agggctgaaa cagacaccag ctctccagga ccagctgctc caggatcaa cctctacct 180
gaaccagggtc cctgaggacc accacgtggc tgcaacacag caggagttca cagtccagag 240
gagaagcccg atgctgaaca gagaatcaca tccgtgagca acacaaaagg tctcaatcaa 300
aaacctctga aagccactgg cctagagtta gaggaagagt tagccatgag aaatgggtgt 360
gacacagggtt ccaaaagaag aaacaatagg tatcaggctc agagatgaaa gggctagaag 420
gaggacacac cangttcaag gtctggcctt tctcgagggc agtggggagc catggggagga 480
gcctggacct gtggccttcc tgcttcacct gggcctnaac ccgtnacgac cacctggcct 540
ttgaggtgta tctcgtttct catcataaga gctctttcgc tctgtngaa ctgggaantg 600
gccgtcattg gctgcgcata cctaaacttg gtcagggcag aatgattgct agtnaccacg 660
tgaagcagga aaccccgga ttaacttgca gaatgagttg gtgangcttg aaataaatgg 720

```

tggaacatn gtggcaatct tttta

744

<210> 2990
 <211> 747
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2990
 ganmnntnn annaatgctn ggctactngt tctntntgca ggatcccatc gattcgaatt 60
 cggcacgaga acacttacag cctatatgtt aacttctctc ctgggatata gaaagtatca 120
 gcctaacatt gatgtgcaag agtctatcca ttttttggag tctgaattca gtagagggaat 180
 ttcagacaat tatactctt cccttataac ttatgcattg tcatcagtgg ggagtcctaa 240
 agcgaaggaa gctttgaata tgcctgacttg gagagcagaa caagaagggtg gcatgcaatt 300
 ctgggtgtca tcagagtcca aactttctga ctctgtgag ccacgctccc tggatattga 360
 agttgcagcc tatgcactgc tctcacactt cttacaattt cagacttctg aggggaatccc 420
 aattatgagg tggctaagca ggcaaagaaa tagcttgggtt ggttttgcac ctactcagga 480
 taccactgtg gcttttaaagg ctctgtctga atttgcagcc ctaataatga agaaaggaca 540
 aatatccaag tgaccgtgac ggggcctagc tcaccaagtc ctgtaaagtt tctgattgac 600
 acacacaacc gcttacttct tcagacagca aaacttgctg tggtagacca atggcagtta 660
 atatttncgc aaatgggttt ggatttgcta tttggcactc aatggtggat ataatgggaa 720
 ngcttttggg ncttttataaa nacaaaa 747

<210> 2991
 <211> 756
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 2991
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 acgaggcatc ctgtccttgg gaaccctttc tcattctcca agcctggtca gctgcctgca 120
 caggcagagg tgccctcagc ccagggttagc aacactcata gttttgcca ttaccagtag 180
 acactagtgg aaccatctaa ctggaacttc ctctctcctt ccacttattt cctcaaactt 240
 gttgctttac actagacaca tgcaaatgta tgttttaaac acacaaaaac agatcatgcc 300
 aaatgagttg cctgtcaaag gctggagggc aggaggaggc cctgggtttg ggttctttcc 360
 tccagcctt tggatggtgc cttgggcccc ttagccccag cggcagggcc tccagctga 420
 ggccacagga aagcactttt ttatgatgta ctaaaagcca cagtatgtgg caactgcaaa 480
 aggatcagga atttanggtg tgatctcggt cacgtgtccc gggcgctgag gggaaaggaa 540
 gcgggcatga ttgtagacaa tgaggggggt ctcttgatgt aatgaaatgc aattttatgg 600
 tttggtgcaa aaactctatt ttccagtaaa ttaactttat ttctnaagca tattttggat 660
 ttgccatcaa gaagcaataa agcattaaat ctttaaaaaa aaaaannnnn nnnnnnnnnn 720
 nnnnnnnnaa aaaaaacttn gagccttttt naactt 756

<210> 2992
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 2992

gcttccttcc	aattacctng	tgggctactg	gtncctngnt	ntatctgcag	gtatcccatg	60
cgnttcgaat	tcggcacgag	gagactccag	gctgagctgg	ctgaccgacc	caatccccct	120
acccgccctc	tgcccgtga	cccgggtgtg	agaancccg	aggtaacngt	gggggggagag	180
caaaaaacac	atgaaaaaat	gctcatcatc	actggccatc	agagaaatgc	aaatcaaaac	240
cacaatgaga	taccatctca	caccagttag	aatggcaatc	atagagcttt	tcattttatct	300
gagtgttttc	ctctgcttgt	cgggacttgt	gctttcacga	gctcctgctc	tcatatcagg	360
ggagtgaata	attgaatttg	gatagttttt	tgggttttag	ttggaacact	ccttttcctg	420
tggaacgtct	atagaaaaaa	tgagtcaaac	aganaatatn	cagggggaggc	aactctgaat	480
gcttccatgg	ctacatacat	acctgtttct	ttgatttgct	aaaccctaen	ttaaaaggaa	540
agtactgtct	aaaatanggg	agaaaattcc	ctatatttat	acccatcatt	ttgagtnttt	600
tacaattggg	antggtttnn	gtattattaa	attgggtcaa	aaaagggttn	aaaacaanga	660
cttncnttaa	aatttaagaa	aggggnaaaa	cttttttttt	ttaantggat	tgggaaaata	720
gggggcttta	aataaaaact	ttnaattntc	cttntaactn	ccttttaaan	atthttgnna	780
attanaactt	ttgaactgnt	tcnaanaant	ttgntncatn	tnct		824

<210> 2993
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2993

ngnttnnnnn	nnnctntgaa	acttntctggc	acttccngta	ngaancctc	gattcgaatt	60
cggcacgaga	agaattgtac	gactcttatt	gatgagtgca	anttttttct	atagatttga	120
aagtcactac	taatcatgac	tagctgatta	taataattga	gagtaaactt	ttaaaattat	180
taaatatacct	gtgaaagttg	gagcacagta	accattaacc	ctaaatttga	tactatgtcc	240
atatgaattc	agatcataat	agtgtctctat	catgtgaaac	tactaaagga	tgtatagagt	300
taaatattac	gtatccactt	taatgaagaa	taggtattac	acagtaatgg	ttgtttaaaa	360
aaatthtttt	tatataatat	cagagttttac	ctgatgtgct	tgggcatgca	tagntgtcaa	420
caatgatttg	ctagtgtgac	agtthttgtat	gctgatcaga	attatcanaa	gtttgtaaag	480
catcttntct	tttgattcat	acatgaaaca	aaaacaattc	tgtgtattct	cagtgttctg	540
gataaaaaaa	ttttaagtgc	atatactttt	taggaaatat	gacagatgct	tgtcataata	600
caaaaatatn	ttactthttt	attatgctca	tncttatggg	gagaggaaac	ntancccgga	660
aggaaggaag	aatanggatt	ggaaaacatt	tggctactta	cctgcaactc	atccntggac	720
aacangccat	gtgcacattt	acaccatg	cccatatacc	ncatg		765

<210> 2994
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 2994

ctnctntgac	taatgnactg	aacngcaa	at	teccntanna	anccnngcgg	tgcggggnc	60
cagactgtag	aagcagaagg	nnccatnccc	gatgnttngn	ttttggtgcn	aaggaccgnc		120
cnnnntagnc	nctgtccctg	atatgacgcc	gcaatgccng	angaancnca	cccaanacga		180
cangcttgtc	nagataagcn	cgcacagggg	gcangcagna	ctgctgcagn	tgccgcagcc		240
gcanccaccc	tacaggganc	tgcaacaaaa	tggaacaaacc	acancanag	cngaggagaa		300
tggaagcccat	acnataccaa	ataaccatac	ngatatgagg	gaagtggatg	gggatgttga		360
aatcccnct	aatnagcag	ccgtgtannn	gggccatgaa	tctgaaactc	tatcaagngc		420
ctgcancccn	ggtagcganc	tcctagcgnc	atgggctggn	gactcaacan	cangnatatg		480
gaancttaag	cgagaacanc	ancagnggct	ctacanagcc	gtactnagan	atngtatncc		540
acanggangg	cancangtnc	caagcnacaa	ngangtnana	nngtanacg	ggaannaana		600
anggaactt	ntggccaccn	gggccctatg	angggaancc	ccngaatacg	gactaaagaa		660
ggnaaacctc	ctaaccanct	tangggcaca	ttaaagccct	ttattcncat	taaaaaggna		720
atnccaaagg	aaatttncaa	cccaagcncc	cgccgngngn	naaaat			766

<210> 2995

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2995

cnttttgatt	tcnctttggc	naccncctct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggaga	atactttata	cttctcagct	ttttttgtat	ttgactgtga	cctgggttata	120
ccatttgcca	ctgtgaggct	tagctgtgca	tctgtgaatg	ggagattgtt	cttagagatt	180
ggtcatagtt	gtccacctgc	ctcggaact	gcaggtacaa	atgcagcagc	aaagtattta	240
cattcttact	tcagggtga	tctcctat	ctatcagtc	ttttgaaggc	anagaatgtt	300
aatttggaac	aacctgcata	tttattcaaa	tttcagaga	gatgaaactt	tcagaatgct	360
gtgctgcagc	gccccctagt	gccgngctgt	actgatagtc	cccagcgtct	cctgaagccg	420
aaagtgggtg	ttcccgagc	tccggcgagg	gagctgtagc	cagcaggttg	tgcaagtga	480
cattagacat	cttttctcct	tctcgccttc	cttgggctga	gatggaggaa	tgtgtcttta	540
ttgctgaagg	caaggtcttt	gtttttcctt	tagcaggaac	actggttttc	ccacttcgnt	600
aacctttgcc	caaggtttct	caactcaagc	cccctgaggc	cgtagtggcc	ttcacacacc	660
tccagaaggt	aaactgacca	gcttanccaa	caggctatgc	tttaaggang	aagggtcttt	720
tggttcccat	cctgctgggg	gggggg				746

<210> 2996

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2996

tcttctnant	tcnnttggct	cttgntcttt	ntgcaggatc	ccatcgattc	gcggcacgag	60
cccaggctgg	tcttgaactc	ctcagctttt	actttagctt	cccagtgtgt	tggtgattaca	120
ggcatgagcc	acaataacctg	gccaaagcct	tttttttaat	caaatagactt	attaatacac	180
agtttctttg	ccagcttttg	ttttcatttg	ctatcaaaaa	tggtgcttag	tagtgctttg	240
atctgagtta	tcaataacag	gtaaatgcca	ttatggataa	taattcaaaa	agaagcttat	300

taattattag	gcctatctga	gagtgaagta	aagtttagcat	tttctttttg	tttattttac	360
ttattgttta	tttgtttaga	gacagggctc	cgctgtgttg	cccaagttgg	agtgcagtgg	420
tgctgtcata	actcattgca	gtctcaggct	ggagtgatcc	tcccatctca	ccctcctgag	480
tagtggggat	tagcatatgc	caccatgcct	ggctaattct	tttatttttt	aatttttttg	540
tggagatggg	gtcttgccgt	gttcangttg	gtttcaaact	cctgggctca	acggcctggc	600
ctccaaggtg	ctaggattac	aggtgtgagc	taccatgccc	agctgagcat	ttttaaaaaa	660
tactgggctt	tgacatgagt	cgttactatt	ggatctaacc	ttatgactga	tatccctaaa	720
aatattataa	aatttaagg					739

<210> 2997

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2997

gaagttgtng	atcagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagcaaccct	agcaatagac	tgactctact	acaaaacaat	ttggttatth	ctcttactat	120
ttctctatta	tatctgttga	gggaatgtta	tcatgagcac	aggtattagt	cctatgcttt	180
taatcggttt	agtggtttct	ttgtgtctca	ttttattcat	ttgtaatttt	tttaaagact	240
ataaaacttc	cacagtttct	ttagatcatt	aagtttatatg	actctttttc	atgggggtca	300
gttaacaata	cataagaaaa	catttgttct	aggataatat	atgacctaac	agtcttttgt	360
tagacttaga	gatatcaata	tgctttctat	gtttcaggca	tattttatat	tcctggaaat	420
taaacaatat	attttaggac	cccataccat	gtgctctcag	taggacgatc	acaaatcagt	480
gatcatattc	tagtgttctt	ttataggaaa	tgtaaacctt	tgctattaca	ttgttagtac	540
aactgacagt	gaaatattta	aaaaatctnt	gtcagccaac	aataatcata	cttcaaataa	600
gccttatgat	atgtgatatc	acattggtga	gtgaattttg	gtcaaggcag	tanaatggag	660
tcactaagag	gacagtngga	caagctgtct	gagtttcaat	cccagctntg	gtactcacta	720
ntggngacat	ctttgggcca	atttactt				748

<210> 2998

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2998

tcttttncta	atgctnggct	acttgttctt	tttgaggat	cccatcgatt	cgaattcggc	60
acgagaccat	gttgccagct	ctggctctagt	ctgttttaac	aagttgttgc	tgtgtaatga	120
tatatgtgtg	gtgttaattt	gcttgttcct	aagtttaaat	gaggtagagc	attttatgac	180
atgctgttcc	tagtcttttg	cttattttttc	taattgocct	ttctttttct	taataatttc	240
agttcttcat	atgttcagca	tactagtcct	ttgtcaattt	acatgtattg	aatatatata	300
ctctcccatt	ctggcgctta	ttgttccatt	cttcatgaac	atttgtaatt	ttaatgtcct	360
atthagacct	ttcctctgtc	tattgtttta	tattttgtat	taaaggagtc	attcattact	420
ccaagatcat	gaagattttc	ttgtatgtaa	tcatgtaatc	ttcttaaaaag	ctttatggct	480
tttgcttttt	tttttttttt	ttaagagtct	tggtgtgtct	ccaaagctgg	agtgcantgg	540
cacaatcaca	gotcactgca	gocctcagcct	ccctggccca	agtgaccttc	cacctnacct	600
tctgagctgg	gactatagcc	atgcaccacc	atgccagca	aattttttatt	ttttgaagag	660

cccgattcac tgggggttgcc cangctgggt tcnaatgccc tgggctcaag tgatcatcct 720
ggcntggggc tccaaaggct nggga 745

<210> 2999
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 2999
gtgnttggt nactcttgt cnnttggcna ctctgctctt tctgcaggta gcccatgcga 60
ttcgaattcg gcacgagtct cgatctcctg acctcgtgat ccgccnnccct cggcctcccg 120
gggtgctggg attacaggcg tgagccaccg cgctgggcct ggatcaaatac tttatccatg 180
cacattggaa cacaggatta ctgggtngaa atcatnctag ttttgcatt tagatacttg 240
tagatgaatc tatttttagca canggtataa ataactcggg aggtcatctc tatcttnttt 300
ncttttgtgc atntggctat accacgttta ggtactaaaa cagctttgct tatgttggcc 360
angggaaaac atgggnattct gtgcgcaaag ctaatgatcn ncagccctgc cttggccctc 420
cccttgntta tggtcattgn aagatgcccg catgttaagg ctannnctgt cactgggctg 480
ggtgtaatac ccgatnnatt cctgcngcna ncctctnacc cgaaacatga anggcactgg 540
gctctattga gatctcgata ngatcatcat tntnaactng tnttcnactg agggangtaa 600
acatgatatc tgggtgctgg tggattgaga cctcaagcat caattcaaaa gtgctggcaa 660
naatatgcac ttatntnntt ntgcactctg gctaagtgt ngctctgatg ccantttata 720
agttggnaca ttctggggaa aaatggtnc ttttnaa 757

<210> 3000
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 3000
ngctnctnnt cnnngntggct tncgtgctcc tgcangagcc natcgattcn aattcgcaag 60
aggccnacac tcgnattccc cggcccttng cagcnttgga gctctagccg gggccggagn 120
gggagcggcg gggcccttgg agagacgggg gcgcgaaccc ggacgacnct ctngnaccgg 180
ntacggggac tgcgccgtgg gcgcccggnn ccaggacgag ctaacagctt tgcttcgcct 240
gacggtgggc accggtgggc nagaagccng ancccgcggn gaaccctngg ggattgagcc 300
gtcgggtctg cangagccac caggnccttt cgttcgggag gccgaccggg cccggatgcg 360
ggagccagag gccaggagg actacttcgg aatcatgctc acatgggtccc cnttgcacgg 420
agccctctgc caagccagat ccttttcttc atncttgga gtctgcagt gagagaaatc 480
attctataac tgaacagctc gtttgactga tgggaaaact gaagtccan agacgatntc 540
tgggcctacc tggttttctc tagaaaagta ttttcaagtc tggttgcttg aaccacctgt 600
gggacntggg gatttttttg aancggnnca attccttaca acacntggna accnnnganna 660
accnnttacc cctttggccc ctggtnngtn aannnnnttt tttcttnccc ccaaaccng 720
gnaaaaacct tnaagggcnn ttcctggnaa ttggcccaag ggggganccc aattaanctt 780
tttcnnaact ttttttttcc cccaanggtt ttnccccttt taaggggnaa annggggnt 840
ngnccctgan nggttttana 860

<210> 3001

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3001

ngctnctnnt	cnnngntggct	tnegtgetcc	tgcangagcc	natcgattcn	aattcgcacg	60
agcccnacac	tcgnattccc	cggeccettng	cagcnttgga	gctctagccg	gggccggagn	120
gggagcgggc	gggcccttgg	agagacgggg	ggcgcaaccc	ggacgacnct	ctngnaccgg	180
ntacggggac	tgcgcctgg	gcgcgcggnn	ccaggacgag	ctaacagctt	tgcttcgcct	240
gacggtgggc	accggtgggc	nagaagccng	ancccgcggn	gaaccctngg	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttccggag	gccgaccggg	cccggatgcg	360
ggagccagag	gccagggagg	actacttcgg	aatcatgctc	acatggtccc	ctntgcacgg	420
agccctctgc	caagccagat	cctttttcttc	atncttggaa	gtctgcagtg	gagagaaatc	480
attctataac	tgaacagctc	gtttgactga	tgggaaaact	gaagtcccan	agacgatntc	540
tgggcctacc	tggtttttctc	tagaaaagta	ttttcaagtc	tggttgcttg	aaccacctgt	600
gggacntggg	gatttttttg	aancggnnca	attccttaca	acacntggna	accnnganna	660
accnnttacc	ccttttgccc	ctggtnggtg	aannnnnttt	tttcttnccc	ccaaaccng	720
gnaaaaaact	tnaagggcnn	ttcctggnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttnccecttt	taaggggnaa	anngggggnt	840
ngnccttgan	nggttttana					860

<210> 3002
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3002

agctnccaca	nanagctgna	ttccganctt	netgcaggag	ncnctcgatn	cgaattcggc	60
acgaggccgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgccg	tgggcgccc	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacgggtg	ggcaccgggtg	ggcgagaagc	cggagcccgc	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccaggtcc	tttcgttccg	gaggccgccc	gggcccggt	360
gcgggagcca	gaggccaggg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gatecttttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatecta	cacactgnaa	caagagatca	taccttggct	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccgga	ccatatcttt	720
gaattttttc	aaggttcctt	aaggaagngg	gngcctgggg	tnaa		764

<210> 3003
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3003
 agctnccaca nanagctgna ttccganctt nctgcaggag nccntcgatn cgaattcggc 60
 acgaggccgc cactcgtatc ccccgccct ttncagnntt ggagctctag ccggggccgg 120
 agtgggagcg gcggggccct tggagagacg gggggcgcaa cccggacgac actctgtgac 180
 cggctacggg gactgcgccg tgggcgcccgt gtaccaggac gagctaacag ctttgcttcg 240
 cctgacggtg ggcaccggtg ggcgagaagc cggagcccgc ggagaaccct nggggattga 300
 gccgncgggt ctgcaggagc caccaggtcc tttcgttcgc gaggccgccc gggcccggat 360
 gcgggagcca gaggccaggg aggactactt cggaatcatg ctacatggn cccctctgca 420
 cggagccctc tgccaagcca gatecttttc tccatccttg gaagtctgca atggagagaa 480
 atcattctat aactgaacag ctctgttgac tgatgggaaa ctgaagtccc agagacgatt 540
 tctgggccta nccctgcttc tctagaaagn attttcaaag tctgcttggt gagcaccttg 600
 tggactggca atntttgacc ggtcactcta cacactgnaa caagagatca taccttggtc 660
 gnggtagcct tttnttccca acagaaacta aancatntga atgcccggga ccatactttt 720
 gaattttttc aaggtttccct aaggaagngg gngcctgggg tnaa 764

<210> 3004
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3004
 nntnctnac tnnnttggt acccgttctt tntgcaggat cccatcgatt cgcagataca 60
 gcctagtgtc cctcagttac acaatagtgt ntncctntt ggtaggacag tctactactg 120
 agtcctcctg gcatgagtcg agctgagatt aggatagggt aatgaccctt cagttttggg 180
 gaagggacca gagctcggcc agtgagaagc ttccagctcc gtctggccat atccaggctg 240
 ctgaggggtcc tgggctctgt ccttaaacct catcactgac atgaccacgc aaacctcctc 300
 aagaggaaaa agtccccttg ggtcaaacac agcttggtgca gttctcgggg acctcctcct 360
 gccatcctgg ggatgctgtg gagaatggag atgcacaggg ggctttgtcc tctcctctgc 420
 cttttggaga aaatatttca ctcaaggcaa acgcagcctg agggcagcac aggggacccc 480
 aaggctcact gcgcatttct agtcgcccc aaacgcgtgg gttttcctcc tgggtctcctc 540
 gtgggtgcct ttgtcattc tcatcctcct gttctcatnc agtctgcccc gtctgaccgg 600
 cttccancag catccggcca aaagtttctn ccatgacagc aggaaccacc tnagacaata 660
 catgatggac angcctgctg ngttccaata gaaccccgan ttaattaanc ccgaccttcc 720
 ttttanctgg atactggtaa tgacaggggt c 751

<210> 3005
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 3005

```

gnnnnnnnnt ntatanatac angctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag cctcatcagc aagccagtga gagggtgcct atccgaggat gatattccat      120
cacctntgtc agattctgct tactagtcag nccccaggcc caggccactc gcaaggggag      180
gacattacag gaggcgtgag tataggtggt gtgatctgtg gggaccgtcg cagaggctgn      240
ccancacaag gggttaaaac ctataaaact tcgaagtgtg atttaataat tntcaattac      300
taggaaatag ataaaaacaa attttctgtc cttcacanaa cactaaagta tgtattggat      360
ttntatccc ccctgaattt tgctgtgtgn gtgcttccca gttgaagcag taattcaggt      420
tcattaatgt ttacttcaaa gccgaattgg agncttgact nacacagttc aacgctcttt      480
tcagtaacan tntcaaattc ctttacgggt atttnttgcc acataacaca ctatcctaaa      540
atgctggggc tttaaagcagn caccactgtg tttgcttacc atgctgnnga tcagcattta      600
nggctgngct cgngntgggc cgnntttcat gtgaattagc ttcttgggcn ttaacttcgt      660
gtggggtctn gcccntnggt cttgntgggc naacttggga caattcccag ggggaccctt      720
tgggaatggn ccttgngaaa ttnccggaac ccgtggggnt ttnccccaan ccaaantttg      780
nnaaccagg  gg                                         792

```

<210> 3006

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3006

```

cncntnaact cnnaaacttt ccgccncnng ngcangaccc atcgatncca attcggnacg      60
agcctgnntc caggagatat gngcgttttt tcagcagtga tnaaaatcnt gggcaggtgt      120
tatngcnctg ttngcntgaa ncacacncac ctacncngcn ggaaacaagc aggntgntgc      180
ttacttgcc tcccaggca gaagtggcca gagncggggc ngaaaggatc caccaacanc      240
cncnatnca tgatngcann tgnncnntnn tggnaangnc ancaaaagcn cacttgctgg      300
tgaaggtgcg ngangnnggn nncaaactc ttnacncgca nnagaaccna atnctttaac      360
gggnacaaat ggggctgctc acgctctgga ccnntccccg gaagactctg aanagnnggc      420
tccttttcgg gttgtgcact ggtgcttgna gctgccaac ccnacaaaac tgaaaataca      480
gaatggnttc acgtatanag ncacannnca caantgccgg actacagccc ntgancgaat      540
gnaancactt gencatatta cntgacnctg gannacaaac tntgaaaant actctctgnc      600
ctgggnngcc atnaattctg ccacctgnag atnccccatt attncttaat aacngaaaac      660
agngcttgcc tccgatagtt aangcgggtg ccnctaagcn ttaacgnntc gcaanattnn      720
tcagatta                                         728

```

<210> 3007

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3007

```

gangtgctnt ntctttttga ggatcccatc gattcgaatt cggcacgagg agcggggagg      60
cgagcatgag cccccagacc ggccctgtgg cctcctggat gaggatggga gtgagcccct      120
ccctgggccc agaggggagg tccttgagg cagcgtcac tatggggggc cctcccctga      180
gaagaaggca aaaagtccct ctgggggcag ctcccttgcc aagggccggg ctagcaagaa      240
acagcagctc ctagccacag cggcccacaa ggattctcag agcatcgccc gcttcttctg      300

```

```

ccgaaggggtg gaaagcccag ctctgctggc atcagcccca gaggcagaag gtgcctgccc 360
ctcctgtgag ggggttcagg gacccccgat ggccccagag aagtacacag gggaggaaga 420
tgagaccggg ggacattcgc ctgccccttc ccagactgag gagtgcctca gggagaggcc 480
aagcacctgc ccgcccagag accagggcac ccctgaagtc acccaccctt gcaaaggaca 540
catggaangg caagcnggct cgatcccagc aggagaaccc agagagccag cctnaagaag 600
aggcacgccc cttaaccaa cccttcgtcg tanccttgagg tcaaaggcaa cgtnttcggn 660
cancgaaac anggcacctt gnattccaac ggnttnaaga acccnttnca cttttccggt 720
tcttggcgtn ttccttgaag gaaggttcaa an 752

```

<210> 3008

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 3008

```

gnntcttcga tcagctcttg ttctttttgc aggatcccat cgattcgtgt attcagaaga 60
aagcaaggat agaatgagta taactcttta aaatttggag gcaaaattgg ctgtgagttg 120
ccatggagat aggagcaatg gatgtccaag gtctgaggaa atagaaactg ttcgaaataa 180
ttgcagagaa agcttgccaa cgggtgataag taggtttgtc tagcagcact gatgcgtcgt 240
ggaagttgat ggtcatgaac atacagtgtg ataacctatc tgccctcttg accttttcta 300
gtagtgttat gtcatttttg tactaaggta ggtgaatttt ccaagtgttc ttggaaataa 360
ggaaacatca agaataatgt aaaagcctca tatacaataa tgaataataa agaataatgt 420
gaaggcttca ttcaagggtg gggtttgcca gatacattgc aacaaaatga cagagcagcc 480
aaggatatta ggatagtggc caaagtattg taatgatggc ttatggagtg tcagctggat 540
aaagagtga aatgaataaa aactaatgga ttgttcagtc gaatagcaga tggtagaatg 600
gtacatggcc agtagaatag gggcccaata aattgaagac catcagagtg gagtgataat 660
ccacaagtgg atgcagggat cnagccaagt cgatgacatg catgttgcta tgtggacaga 720

```

<210> 3009

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3009

```

gmnnttnna tcagctcttg ttctttttgc aggatccctc gattcgaatt cggcacgagg 60
aaggaagaaa atttgggact ttgttttaaa agtgggaatac tatcttctta aacaacttgt 120
gtttaaaaca agccccaatc cacacttgat cttcttaagc taggaaaagt gagctcacac 180
tgagtgtctg caggatgctc catgtgcac attattttgt ttaattctca caataactct 240
ctaaatccct tttgaggata aggagactgg ggctgggaga agttatttca aggagtaaata 300
aaaaaattca gaccacttg ggttttatgc caaaggctct gtttttaca atacacaata 360
ttgttgccca gttgtgatga aacataattt atgaatttca ctgagggaaat ttcgcaaaag 420
gaaagaattt acttttccct ctaaagcaga ggcttttcat atgcaactgt taaaagacac 480
acgagcttgt gggctctgatg ggtggtctga gctgttgctg ttgggagagc tgctgggaca 540
ctagcaggaa gacgtagttt gtgctcantg gccaaaggatg gcgccccgt aaggcaacca 600
gatccggact acgcagtgtt ttccaggctg gaggtgccct nctcaactgt cttacaaagt 660
tcccaaagca gccaccctaa tctggctgct ccttatgccc aaatggattt ggcaggaaaa 720

```

aaggccaatt gggcaancag angcccaa

748

<210> 3010
 <211> 780
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3010
 gnttctaattg ctnggctctc gttctttntg caggatccca tcgattcgct taggggaagg 60
 aaatgaaggt cagctttggg tatactagtg taagggtgcc atgagacatt cagataaaaa 120
 ccagccacca ggcataatgga gataacaggg ctgaacttag gagaaaagcc tgggttgaaa 180
 cagagattcg gatatactca gtatgaaggt gatagttgaa actggggact ggatgaccga 240
 aagagatcac ccagaacacc agtacagaga ggagagagct gaggatggaa ttttgggaca 300
 taggtgcttc tacagcacat ggcaccaacc tctaataatc acaccacttg ctattacatt 360
 tgatttttga aagagtagcc tgcgcagtaa tgggaggaaa ctagattgta tatgttgatg 420
 agcaactaga aacaaagaag tgcagggccc tagttgtaga ctaatgtttt gaaacatttg 480
 gctgtgggct gggcatgggt gctcatgctt atagtccag cacttgggga ggccaaagta 540
 gaggatcact tgaggccaan agttcaagac ccctgggcaa catagcaaag cccctgtgtc 600
 tatttaata aattaaatta aaatanaaat cagnaaaacc cacaaggctc attattcctt 660
 ttccaaaaaa aaggaaaaaa aaaagttggc ttgttgaaaa agnaaagggg aaaccnaatn 720
 gggccaatng gctttggaag aatctttngn aaatggnttg naaanacttt ttgttngggg 780

<210> 3011
 <211> 754
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3011
 gnttcaanag acagctactt gttctttntg caggatccca tcgattcgaa ttccggcacga 60
 gattgtcttg tgttatgggt cttcagcatt ggattcagca gccagcttcc tagtacgaag 120
 gcaacgatta cctccacagg gtcccttcca ttgtcctcct gcacatcttt cctccaactt 180
 gaataaatgt tctacccacc tttctccttt attttctcta cccctgtac cccgtccct 240
 ctcaacaatta actctacagc agaatgtgaa ttctctgatt ttagaataac tattttatgg 300
 taacttcaaa tatatcctag ttgtatccac attcagcttg ggtaggtagc ttcatagtag 360
 ctcatggatt aattgtccac tgcacccaat catagtcatt tttgggttgg gttgtcatat 420
 gctccccaat agatgaagaa gagaataact cttagccgac ttcatcagca ggtagggaga 480
 gagtctctga tggagttata tttcattatt cctcacaatt gcatagtgc ctcttacctc 540
 aaaaaaaacc tttccagggt ttttcaaagg aattatttta ttctncaca acaagcctgt 600
 gggantcgga gcaaaaggca aaagtgatta cctgagacat tagataactc gcaatatcac 660
 cctgggttaac aactgagggg cccttgggct ttgancttct gntttccgaa tnanggcttt 720
 ttctgncat cntggcataa tncaanccat ggcn 754

<210> 3012
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3012

gnntncnaat agcnaggcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca	60
cgaggagaaa gtaaagtccc ttataaatgg catgtgaacc agacaattta gtagccaggg	120
ttgtaaggca actcttaact gacaatatag ttagtatatt ctgggccttc atcttcaaaa	180
ttagtaggta gtatttattg agtgcataat atgtgccagg cctgggtgctg agtgcttaca	240
atgatcattt tatatatggg aaaattgagg ctgagcaggg tcaagtgcct tgtaagaggt	300
agcactagta agtaacagtg ctcaaattca actaggtctt tcagcttttt atacaatact	360
gcctgttatc agaaagtata gtcttaaaat ctgctatcaa gcacttatca gaagcctgat	420
gagaaatatt cagatgatct aacgcagttc ccaaacctgc attgtggggc gttttcatta	480
caattaccta aggtgcttta aaaattttct tgggccctac tcgttggtgtg tgcagcagctg	540
tgtaatggag caaaaaggaa tagtcactaa acagcgaagg aaagtgggtg aattattgaa	600
agacctagca cttacctgct gggatgagtc tcttacccca cagaattgat ttcaaacaca	660
ggacttatc aagataagga taataaccac tatcttcttg ggtnggaaaa aagtacatta	720
gactgngttt ttaaaaaatt tggatatgaat ttc	753

<210> 3013
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3013

gnnnnnnnan ttntcaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc	60
acgagatgac ttcctagctt taccgggggt tttttctgca ggtggagaag ggtggagtcc	120
tcccagatgg ttctttcttt gctcccctaa cagcctttaa gatgtggcta cttgtttttc	180
ccaccgttta acaccctcca acttcatttg gagcacgggt tcctcaaggg atcctgagag	240
ctgggtgctg ggtgctggtt tggagaggca ggatgatgct tctcccggtc ggggagagca	300
gagcaggaag gctggttggc gccatgagga aagagccacg aggttttagc tcccgaaccg	360
actcgtcagt agcccctcct ccatgttggg ttacatttt tccctcctgg tctggactac	420
tttagcgcaa ggagcccagc cagacacggc agcaggccgc attgaccctg ctccatcgga	480
ccccagcccc tatctccaag agacagagga ggggtcanga ggcactgctc atctgtacat	540
actgnttcct atgacattac tggatttaag aaaacaccat ggagatgaaa tgcctttgat	600
tttttttttc tttttgtact ttggaaccac aaaatgaanc agaacttgac cctgagctta	660
aataacaaaa ctgngccaac tactactggg gatgccta atgaatccac gtgtaaccag	720
ttntaatcct ttatttttaa aaaaaaaa	748

<210> 3014
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3014

tntntctnct	gnactntcgg	gaacttcctc	tttgtgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	agtacaaatt	aagatcacag	tganttttnc	ttatccactt	gtcacaatgg	120
ctaaaataaa	caatagtggc	aataccaagt	cctgtgaagg	atgtggagaa	atggatcact	180
tatacactgc	tggtgggcat	gtaaaatgg	acaaccagtc	tgaaaagcan	tttggcagtt	240
tnttataaaa	gnnaacatgt	aattatatgc	tgaggtctga	atgtcctcca	aaaattcata	300
tgntgacacc	caaaccctca	aggtganggt	tttaggaggg	taggcccttt	gggagattag	360
cttctgagga	tggagcccca	tgaatgggat	tcatgccctc	ataaaaaaga	anccccagga	420
aacgaccttg	cccttcacca	tgtnatcaag	aatgtgcggn	ctattttacga	naganncctt	480
gcncaaacac	tgaatctgac	ggtgccttga	netcggggct	ttctgggcct	ctnntaacca	540
tgaggaaana	aatctcannt	gntntataac	caacctancc	naaggatanc	cnggtattaa	600
caggccccac	antgngctaa	anatggncat	attgaacccc	accagttanc	cacctctttg	660
ggccaatttt	atttnccaag	gggaaaatgg	tnaaaattgg	gggnttnatt	acccaaaaaa	720
acccttgtnn	ccnnnnnaaa	angggttcca	ntanccantn	atnnnaaaan	cccntnnggt	780
tnancccccc	aanaaacttt	tggggaaaac	aaannttnnn	aaaaanggtt	tttnt	835

<210> 3015

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3015

gnatgtgnnn	ancagctctt	gaggatccat	cgattcgaat	tnggcacgag	gggcgggcttt	60
ggcctcacgc	ttcggggaga	ctgcctgtc	ctcatcgctg	ccgtcattcc	agggagccag	120
gccgcggcgg	ctggcctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	gcagccatgc	180
aggtggtgga	gacacgcgga	ggtggtgacg	gagctgaagg	ctgcnggaga	ggcgggcgcc	240
agcctgcagg	tggtgtcgct	gctgcccagc	tctagactgc	ccagcttggg	ggaccgcggg	300
cccgtcctgc	tgggccccag	ggggcttcta	aggagccaga	gggagcatgg	ttgcaagacc	360
ccggcatcca	cgtggggccag	tccccggccc	ctcctnaact	ggagccgaaa	ggccancag	420
ggcaagactg	gaggctgccc	ccagccctgt	gccccagtga	agccagctcc	gcctcatcct	480
tgaagcacc	aggggtggccg	tgagggccag	gatccctgca	cgctcaccc	tggtccaac	540
tggcancaag	caccgagcat	gcccttccca	cccaaaggac	cttcnggcaa	tgcttgtnc	600
cgccttatgc	ttggaagctt	gcctngggca	ccttgccctg	nccattttaa	gactgggtcan	660
aacctgaaaa	aaaaaaaaaan	aaaaacttcg	agaaaaggcc	cnaacattgg	agaatcaaga	720
attntatctt	ggnacttgca	tttgancctc	tttcttaaaa	ttnn		764

<210> 3016

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3016

gttattcttt	cnaaaangnt	gggntactcg	ttctttctnc	aggtagccnn	tcgattcggt	60
tgtaggcaat	ggaaagccac	cagtggtttt	agttgagcag	caatgaaatt	aagcctgtgc	120
tttgcaaaga	ttaatctanc	agcnacagat	tggaaagcaac	accaccattc	ctggatatcag	180
tccacgtana	atatattaca	gntctntact	ggagcaannn	cagtaatatt	anaaggagaa	240
ataaaaamna	anaatattgc	acaggcagaa	tggggaggtc	ccacngatgg	agctgatctt	300

```

ggcnattgan gcatgggtgg cattnatcat gtnaaacaca ggatgaggaa ctgggttngg      360
agtnatggan nagttcantt tacgtaattg caaatacacn ctattccctg actagctncn      420
annacttnat cttncctatc ttcttaganc ttcatatga agaggtgatg atagctctta      480
ngntgagagc tcttacttac cattgactaa tacatgttct cntgatgnaa ntttgntatt      540
ncaacatcca tgctaaangg gggtattnaa acangnnaac tctngggccn gatgaaggnn      600
nancctnecat taactnntca tgntgnnact nnatcnaagg ggccaanttg tnnctttaa      660
tttttgtaaa aatttngcca atgccnaaaa catatnaatn ttcncttgca natgaaaaan      720
tcncgaancc cnatttnntn aaacagaang gttnttgggn ggaccttttt an              772

```

<210> 3017

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3017

```

gaagnctct gttctttttt caggatccct cgattcgaat tcggcacgag gcgccatggt      60
aggacgaagg ggaaggagga gaagcgctta aagcggcggg agcgggtgcg gagaggggtt      120
ggaccaggg ctgaggcagg cccccccctc cctcccgct cagtggatca tgcccagggc      180
ggcagcgggc gcggttgcgg gggggaagtg actgggcggt gccggcgccg gagacgatgc      240
cgtttccagt tacaacacag ggatcacaa aaacacaacc gncacagaag cactatggca      300
ttacttctcc tatcagctta gcagcccca aggagactga ctgcgtactt acacagaaac      360
taattgagac attgaaaccc tttggggttt ttgaagagga agaggaactg cagcgagga      420
ttttaatttt gggaaaacta aataacctgg taaaagagtg gatacgagaa atcagtgaac      480
gcaagaatct tccacaatct gtaattgaaa atgttgaggg aaaaattttt acatttggat      540
cttacagatt aggagtgcac aaaaagggtg ctgatattga tgccttgtgt gttgcaccaa      600
gacatgttga tcgaaatgac cttttcacct cattctatga taaagttgaa atttcnggga      660
agaagttaaa ggatttaaga gcttggtgna agangcattt cgtaccnagt tatttaaac      720
tctggtttga tggggattag aagattggat attttgt              757

```

<210> 3018

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3018

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nctatnactg antnccnttc nngctgcagg atccctcgat tcgaattcng cacgagggga      60
cactggattc tcattctact caaactccca ctaggactgt tggcttgttc gcttctcaag      120
tgtttgtatt tttctgagtt aatatttttg ggtgtaattt acatgtagga aaatgtacac      180
attttttagtg tacagttcac caagcttttg caagcatgta tagcctggta acccacaagc      240
caatggagac ctagaacatt cccgtgacct cagatgctgg gttctgtgtg ccttcccagg      300
gcttgtggct gggcacatca ggcatggcg gtaccatgcc tgacagctct gaaccagttg      360
ggcgacctgg gtctgggagg tgctgaggga ccagcacc tgcaggcggt tccttttgtc      420
tcatgtagca gtgcagatgt ttggaaagtc acacgtaaat cttgaaaaac tggaaacagg      480
ccangcgtgg tggctcatgt ctgtaatccc agcacttttg gaggccaagg tangaggact      540
gcttgaggcc aggagtttga gaccagcctt tggcagcata gaaagacctt gnctctacag      600
aaaattttta aactagccag gtgtgggggg gttgcatgcc tgtagtccca gcaacttgga      660

```

aggetnaagt tgggaaggatt gcttgagcct aggaatccaa ggctncaatg agcccatgat 720
 caccaattga ctgc 734

<210> 3019
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3019
 gtctatctca ctnnagccct ntgttagcnc tggttctntt tgnatnnaat tcggcacgag 60
 gcaagatccc tccacctgtc attatggtgc aaaatgtgag cttcaagtat acaaaagatg 120
 ggcccttgcac ctacaataat ctagaatttg gaattgacct tgacacacga gtggctcttg 180
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 240
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt 300
 tacaagagca gctggactta gatctctcac ctttggagta catgatgaag tgctaccag 360
 agatcaagga gaaggaagaa atgaggaaga tcattgggag atacgggtctc actgggaggc 420
 cactgtagga ggatcaattg agcctagaag ttcaagacca gcctgggcaa agtagggaga 480
 ccccttctct acaaatagta ataaaatgaa ccggggcata gtagcatgtg cctgcggtcc 540
 ccagctgtct tgataagaag angtcactt tgaccccagg aagggtgang ctgcagtga 600
 ccataaccgt gcccggttac cacttccaag cccttgattg accaggaacc gaanaccact 660
 tggnccttca aaaaaaatt naaaaaaan ttcannaatt ggcttgga aaanaaat 720
 nnntnnnnnn anaaaaaact ttggggccct tttttnaaac ctnttgggg gaggtccgat 780
 ttacntaa nantc 795

<210> 3020
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3020
 aanccctttg aaaatcccct ttttgcagga tcccatcgat tcgaattcgg cagcagggan 60
 ntnaggccan ganacaaagc agcntttgcc agnangagac actcattggn aggnctaag 120
 tcnccttgtg ctgatacaag catgaactnt ntggaaatnt ctgctantct gaaattacan 180
 cnantngnct ggggtnnngn ngacgcntgg caatggttgt ntnacacac nganttacnc 240
 tgaaccncaa cntggacngc acatnacaca catcanactt tcacngngca tctcgaactc 300
 ngggttcacc cgatncngaa accntatgct accaagaagt gcgtgncctc taggcacacc 360
 tcactattgc ccggcaaatt nntgtgantt cggagctttt gcagaancnn gannnctgca 420
 tgaacncaa gctggactca tannacnga nntcatctga tccgcctgcn ngagctccca 480
 aagggtcng atnatatggn naagccaacnc tgcttatcca aggtcaatnt gaaantnnga 540
 ccaacncng ntngatngcc cnaaaaggct naacgggnac atgccnntaa tgccaaaaac 600
 ggtaaanctc tctcancccg ggaacccgga actggnaaac ttgngccgct ttacccaata 660
 atgmnccga ataacgttnn ancccaaaaa nngggcccca gccntagggn gaancntgga 720
 caagcccaca anttggnaat ggccntnnna aaaaaaatgn ttnn 764

<210> 3021
 <211> 810

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 3021

ngtctntnac	ttcgtggctc	ctttngaaaa	tcccccttttg	cnggatccca	tcgattcgaa	60
ttacaggctt	gagccactgc	accaggccct	aagagctctt	tnctttctta	tcacacagtg	120
aattaaata	ttttggatct	taactatccc	atattaagcg	atcctttcct	caaataaaa	180
aaaatactta	attagaacat	atatgtttta	actgatacag	taagttgttt	gtaagcctct	240
agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	300
gacaaaccac	aactagaatg	cagtgaataa	aatgctttat	ttgtgaaatt	tgtgatgcta	360
ttgctttatt	tgttaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	420
atttttatgtt	tcagggttcag	ggggaggtgt	gggaggtttt	ttaattcgcg	gccgcggcgc	480
caatgcattg	ggcccgttac	ccagcttttg	ntccctttan	tgagggttaa	ttgcgcgctt	540
ggcgtaatat	tggncatagc	tggttcctgn	gtgaaaatgn	tatcccggtc	acaattncac	600
acaaacatta	ccgagccggg	gagccttaaa	agtggtaaaa	gccctggggg	tggccttaaa	660
ggaggtggag	cttaacctca	ccaattaaat	tggcggttgg	ngccttcaaa	ttggccccgc	720
ttttccaant	ccggggnaaa	accctgnncn	tggccaaant	tggaatttaa	aggnaaatng	780
ggcccaaang	ccccggggg	gaanaaggct				810

<210> 3022
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3022

gntnnttcta	atgcttgggt	acttgttggt	ctttctgcag	gatcccatcg	attcgctgaa	60
atgtcaaaca	cggccacctt	ggcagcattt	acaagcaaga	gttcaactgt	tttttgatgt	120
atatnttaag	cgccccaggt	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccanagcang	cagttctgnt	gtatgcctct	ggagaagggt	ggctgaattg	240
naattgggtc	gtaccttctg	tctatcatgt	acatgaggtt	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatacgatca	tcagacaacc	aatancatat	tgatganata	360
tctccaagat	ctanaatnnt	nctgngtgct	aaggaantct	ttgnggtttt	tacaaatatt	420
gataatgcac	ttntntataa	atgcactttt	tataaaaatg	catgctcagt	tnagacaact	480
tggnaacacc	ctgaaaagg	ncnngcgtn	tgnngtnacg	ctgnaatccn	agcncctctg	540
gaggccgaga	cgggtggatc	acnatgtcag	gaaaatngga	ccatnctggg	taacatggng	600
aaaacnccgt	ctctncttaa	aatncggana	attngcagga	tntgggtgcc	gccncctatn	660
gtnccattta	ctcannaagg	cttgagtnag	gaaaatgggt	tgaanccctt	gaaanangan	720
nttttcaatn	accggggatn	ccnaccnttg	aatttnatct	gggga		765

<210> 3023
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3023

```

gnttntnecat antgaaagcn cttgttcttt ttgcaggatc ccacgattc gaattcggca      60
cgagcagatg gtttttaacg cctaccaggc tggggtagga gcactcaaac tctccatgaa      120
ggatgtcaca gtggagaagg cagagagcct cgtggatcag atccaagagc tctgtgacac      180
ccaggatgaa gtttctcaga ctctggctgg tggggtaaca aatggcttag attttgacag      240
tgaagaactg gagaaggaat tggacatcct ccttcaggat accaccaaag aacctttgga      300
tctgcctgac aacccccgca ataggcattt taccaacagc gtgcctaacc ctaggatctc      360
agatgctgaa cttgaagctg aacttgagaa actgtcctta tcagagggag gtttgggtccc      420
aagcagtaaa tctccaaaaa ggcaattgga accgactcta aagccattgt aggacctca      480
agtgaaggac cctcatgtaa aagagagacc aggcctgctg ggtgtgtaca tagntattta      540
aacaagaaac tctcagaatg tgtttggaag angagaaagg agaaccactg attttatctg      600
gatgctacta cttactacag gacagatnga atttcttgga accgatgctt caaangcttg      660
gttcccactg natcatggac ctgccttnn atctttatag gggcnccaa tttatacagt      720
cctgtggctg acctgncatt tcatanctg cagttct      757

```

<210> 3024

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3024

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ntaatccaan aaccttgttg aagcctttgn annnccnate ggcaggaccc atcgattcga      60
attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg      120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc      180
tggccacttg gctttctggt ttgccccaat gtggtctatt ctgatgcag ctaccaaagt      240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgccaa      300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat      360
gcagcaacct catctttacc gtttcctgcc ttgctcactc cctccagcg ccgttattct      420
tctgatgcc cctagtacac aacaactnct tctgctcca agagtaggaa aattactgnt      480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcattgctg aatcttctcc      540
aatatcatct tctaaaaaga gccttttaaa atcacctttt ctattatgcc ctactcaatt      600
tccagtccct gaatgcccac tccccacttc atagcactta ttgctatctg aaattcacta      660
aatgncacct tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa      720
gcactggcta tagtaggcac tcaacaaata tt      752

```

<210> 3025

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3025

```

nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg      60
agccccactc ggggtatgtg aatgcccagc tggagaagga agtgcccatc ttcacaaagc      120

```

```

agcgcattga cttcaccctt tccgagcgca ttaccagtct tgcgtctctc agcaatcagc      180
tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaatgagc      240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc      300
atactggctc tcacctgctg attgccctga gcagcacgga ggtcctctac gtgaaccacac      360
ttgagaaggc tgcctcctag gctctgctca gtcattcttg aattgccaca ctgtgaccac      420
gttgacggga gtagagtagc gctgttggcc aggaggtgtc aggtgtgagt gtattctgccc      480
agcttttcat gctgtttctc agagctgcag ttatgccaga ccatcagcct gcctcccagt      540
agaggccctt cacctggaga aagtcagaaa tctgacccaa ttcacccctt gcctctagca      600
cctcttctgt cctgtcattc ccacacacgt tctgtttcac ctcgagagag agagagagag      660
agcacctttc tttcgtctgn tcacttttgc gggctntgga atnccagctc ttctctntca      720
gaagaagcct tctcttctc tgcctttagt gtgtncctaa agt                          763

```

<210> 3026

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(933)

<223> n = A,T,C or G

<400> 3026

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ntatcnttat acgtctctaa aanenttggc tactngttct ttntgcagga tcccatcgat      60
tcgaattcgg cactgagctg ccaccacccc cggggccagc ctgtctgaaa gttcaggggt      120
taggccgaaa aaccgggtgg ggaggggtgg ggagccggag ctctgtggcg gggctggagg      180
gctgggggtgc actttagttt ggggcccggc gggagccgcc gttgtgactg gcgtgggtctg      240
gctgctgctc ccgaacggag gggtcagnnt tggcttgcct ggcctcaga gcccagtggt      300
tggctctgac tcggtctcct actccctgca cccagctggg cgcaccttgg ggcctgcggt      360
ctgaatgtat cctcccccctn agttttaacc tgagctgccg aacgcacagt gggcncgggg      420
gcnaagctgt gnggaaaccg gggcccaatt acggatcccn ggaagttaca ggtgccnacg      480
tgatgtcnct ttntcttggg gcccaactta ccttacttgg tcttgaanac ttagcttctt      540
nggggggtag gcccnggggc ccnccaaaaa aanncntggg nnncccggtt ttccaaccn      600
ttggccccgg tggccttgnt ttganttatt gangccctg gntttggncc aaataaance      660
ccccttgggt tntggggggg aaaggnaatt tttngggccc caaccnccn tttggaaaaa      720
aancccccgg gaangggnaa aaaaccgggg nccnntttnt tgccccttgg ggggtttttt      780
nccngggaaa aaaaaccccc nnttttaatt ggggnttttt ggggtccccg tttccaanaa      840
aacacccttt ggtttttnaa agggggggga attggngccn ttnaaacccg ggcccaaaanc      900
cnntaagnaa tttccnaac ccgctttnaa nnn                          933

```

<210> 3027

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3027

```

nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc      60
catcgattcg aattcggcac gaggaccagc gtagaccagc tcaagagttc atgttctttg      120
tcacctctct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact      180
gggtatcagt ctggccactt ggctttctgg tttgcccaca tgtggtctat tcttgatgca      240
gctaccaaag taatgtnta aaaccattat accaagttac tatccttgtc aaaaccccca      300

```

```

gtaactgcc aatctcactta gaataaaaatc cggactcctg tgaagcacag nataaaactgg      360
cactgcctat gcagcaacct catcttttacc gtttctgcct tgctcactcc cttcagcgcc      420
ggatattcttc ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa      480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat      540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta      600
ctcantttcc agtccctgaa tggccattcc ccactttcat agccacttaa ttgctatctg      660
aaattacact taaaatgggc accttcattga tgggaaggca attaatggcc tttgtcactg      720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt              773

```

<210> 3028

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 3028

```

nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc      60
catcgattcg aattcggcac gaggaccacg gtagaccagc tcaagagttc atgttctttg      120
tcatcctcct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact      180
gggtatcagt ctggccactt ggctttcttg tttgccccaa tgtgggtctat tcttgatgca      240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgtc aaaacccccca      300
gtaactgcc aatctcactta gaataaaaatc cggactcctg tgaagcacag nataaaactgg      360
cactgcctat gcagcaacct catcttttacc gtttctgcct tgctcactcc cttcagcgcc      420
ggatattcttc ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa      480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat      540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta      600
ctcantttcc agtccctgaa tggccattcc ccactttcat agccacttaa ttgctatctg      660
aaattacact taaaatgggc accttcattga tgggaaggca attaatggcc tttgtcactg      720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt              773

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<210> 3029

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 3029

```

nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc      60
catcgattcg aattcggcac gaggaccacg gtagaccagc tcaagagttc atgttctttg      120
tcatcctcct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact      180
gggtatcagt ctggccactt ggctttcttg tttgccccaa tgtgggtctat tcttgatgca      240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgtc aaaacccccca      300
gtaactgcc aatctcactta gaataaaaatc cggactcctg tgaagcacag nataaaactgg      360
cactgcctat gcagcaacct catcttttacc gtttctgcct tgctcactcc cttcagcgcc      420
ggatattcttc ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa      480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat      540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta      600
ctcantttcc agtccctgaa tggccattcc ccactttcat agccacttaa ttgctatctg      660

```

```

aaattacact taaaatgggc accttcatga tgggaaggca attaattgcc tttgtcactg      720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt              773

```

```

<210> 3030
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

```

<400> 3030
ngttnnnntt gtnctntntc tctgaaancg tttggctact tgttcttttt gcaggatccc      60
atcgattcga attcggcacg aggtagggtg aaagcctggg cagctattct gcaagacagt      120
caaaaattgt ttacagggct ggacagcata ttgctattga aaaatagcta ttaggagacc      180
ttgcacaatt tgtgaaacat tgttaggctc attgtactgt gtaaaatcag gaaagaattt      240
gggaacatac tgatacaaca aaaagatagg ttgtcaaacc ctacttnac cagaaagcta      300
aattaaccag ataagtcttt ctgaaagttt tagtgtctta gtttgttcct gcgctgtaac      360
agaatacctt agactgggta acctataaat aataggaatt tatttctcac agttttggag      420
gctggcaaat gcaagatcca ggtgctggta cgttcagtgt ctggcaaggg cggctttctg      480
gtccaagatg gtgccttttt ttctgcatct tccataggga atgaacactc cttatggtag      540
aagggatgga aggaccaggc tttttttttt ttttggatac agcaggatct tgctctgtcg      600
cccagcctgg aatgcaatgg ctgattaagg tcaactgnac ctcaatctcc cacttttcag      660
cgatcatcca ccttancctc ttggatagct gggaccgcag cacanctaca tgctgntta      720
attattttgt aaaaccgggt ttntctgtgc n                                  751

```

```

<210> 3031
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

```

```

<400> 3031
ntaatccaan aaccttggtg aagcctttgn annnccnadc ggcaggaccc atcgattcga      60
attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg      120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc      180
tggecacttg gctttctggg ttgccccaat gtgggtctatt cttgatgcag ctaccaaagt      240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgccaa      300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat      360
gcagcaacct catctttacc gtttcctgcc ttgctcactc ccttccagcg cgttattct      420
tcctgatgcc cctagtacac aacaactnct tcctgctcca agagtaggaa aattactgnt      480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcattgctg aatcttctcc      540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt      600
tccagtcctt gaatgcccac tccccacttc atagcactta ttgctatctg aaattcacta      660
aatgncacct tcatganggt aggcaattta atgnccttgg actggtatgt ctanagacaa      720
gcactgggta tagtaggcac tcaacaaata tt                                  752

```

```

<210> 3032
<211> 768
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3032

tnngttnnnn ttgttatncn ctngaaacc nttggctact ngntctttct gcaggatccc	60
atcgattcga attcggcacg agacctgagc tagggttgca gcagaaaatt gagttgcagc	120
ttgcccttgt ccagacctat tttctgcttg cgtttttgaa acaggaggtg cacgtaccac	180
ccaattatct atggcagcat gcatgtatag gccgaactat tatcagctct gatgtttcag	240
agagaagacc tcagaaaccg aaagaaaacc accacctcc tattgtgtct gaagtttcac	300
gtgtgtttat gaaatctaataa gggaaatgga tcacacgatt tctttaaggg aattaaaaaa	360
aataaaagaa ttacggcttt tacagcaaca atacgattat cttataggaa aaaaaaatc	420
attgtaaagt atcaagacaa tacgagtaaa tgaaaaggct gttaaagtag atgacatcat	480
gtgttagcct gttcctaate ccctagaatt gtaatgtgtg ggatataaat tagtttttat	540
tattctctta aaaatcaaag atgatctcta tcactttgcc acctgtttga tgtgcantgg	600
aaactgggta agccagttgt tcactctcgt ttccaaatnt aaaggatagc tggtaggat	660
attttggtca ttttgtaaaa tttttgaaat gcttagtaat gtgttttcac cacaagtatt	720
tgttgcaaac ttaatgncat ttccttaana agggtagacg tatgtaat	768

<210> 3033

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3033

cacngaacg atntnacctt tgttcangcc ttttngaagg accccatcga tacgagccca	60
tgcgattcga atncggcacg aggacnnagg nagaccanct caaggagttc ntgttctgtg	120
tcactctct gtgagctctc tgtaagtctn tntcttgccc atcaccacat ccctagtact	180
gggtatcagt ctggccactt ggcttntctg attgccccaa tgtgggtctat ncttgatgca	240
gctgccaaaag taatgttnta aaaccattat accaagtntc tatnctngtc anaacccccca	300
gtaactgcca atctcacttn naatnaaate cgnactccng tgaagcacag cataaactgg	360
ccactggcta tgcagcaacc tnatntntac cgtttactgc ctngctcact ccttttcann	420
gccnttgatt ctctctgatg ccnctagtca caacaactnc tttgctgctn caagagtang	480
aaaatnactg atcnctntga catgagatcg catntttatg gtattacctt tgcgtcattg	540
ctgaatcttc nccaatatca tnttctanaa tagagccttt taaaataccc ntacnntatt	600
atgccnttnc tcaattttca antocctgaa ntgccccatn tcnccacttt tcagtagnca	660
ctttaattgc ttatcctgga aaatttanca cctanaattg gtcacccatt gaaagaatag	720
ggnnatggca aanttattgg gcctttngtc naactgtntc gnncttanen gaaccaagnc	780
aacttnggct tnanaagtaa ggcnccntca accaaaatnt tct	823

<210> 3034

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3034

cacngaatcg atntnacctt tgttcangcc ttttngaagg accccatcga tacgagccca	60
tgcgattcga atncggcacg aggacnnagg nagaccanct caaggagttc ntgttctgtg	120
tcacctcctc gtgagctctc tgtaagtctn tntcttgccc atcaccacat ccctagtact	180
gggtatcagt ctggccactt ggcttntctg attgccccaa tgtggtctat ncttgatgca	240
gctgccaaag taatgttnta aaaccattat accaagtmc tatnctngtc anaacccccca	300
gtaactgccca atctcacttn naatnaaatc cgnactccng tgaagcacag cataaactgg	360
ccactggcta tgcagcaacc tnatntntac cgtttactgc ctngctcact ccctttcann	420
gccnttgatt ctctctgatg ccnctagtca caacaactnc tttgctgctn caagagtang	480
aaaatnactg atcnctntga catgagatcg catntttatg gtattacctt tgcgtcattg	540
ctgaatcttc nccaatatca tnttctanaa tagagccttt taaaataccc ntacnntatt	600
atgccnttnc tcaattttca antccctgaa ntgccccatn tcnccacttt tcagtagnca	660
ctttaattgc ttatcctgga aaatttanca cctanaattg gtcacccatt gaaagaatag	720
gggnatggca aanttattgg gcctttngtc naactgtntc gnncttanana gaaccaagnc	780
aacttnggct tnanaagtaa ggcncntca accaaaatnt tct	823

<210> 3035

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3035

cacngaatcg atntnacctt tgttcangcc ttttngaagg accccatcga tacgagccca	60
tgcgattcga atncggcacg aggacnnagg nagaccanct caaggagttc ntgttctgtg	120
tcacctcctc gtgagctctc tgtaagtctn tntcttgccc atcaccacat ccctagtact	180
gggtatcagt ctggccactt ggcttntctg attgccccaa tgtggtctat ncttgatgca	240
gctgccaaag taatgttnta aaaccattat accaagtnnc tatnctngtc anaacccccca	300
gtaactgccca atctcacttn naatnaaatc cgnactccng tgaagcacag cataaactgg	360
ccactggcta tgcagcaacc tnatntntac cgtttactgc ctngctcact ccctttcann	420
gccnttgatt ctctctgatg ccnctagtca caacaactnc tttgctgctn caagagtang	480
aaaatnactg atcnctntga catgagatcg catntttatg gtattacctt tgcgtcattg	540
ctgaatcttc nccaatatca tnttctanaa tagagccttt taaaataccc ntacnntatt	600
atgccnttnc tcaattttca antccctgaa ntgccccatn tcnccacttt tcagtagnca	660
ctttaattgc ttatcctgga aaatttanca cctanaattg gtcacccatt gaaagaatag	720
gggnatggca aanttattgg gcctttngtc naactgtntc gnncttanana gaaccaagnc	780
aacttnggct tnanaagtaa ggcncntca accaaaatnt tct	823

<210> 3036

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3036

ncgttgnnnn ttctntgatt ccttgntga ngctctttct gcaggatccc atcgattcga	60
--	----

```

attcggcacg agggcagcta gagtcaggaa aatgaccctc atatgctttt aatctttgtt      120
tcagttgtct gtcaggggtg aattaagaag ctactgggtt attcccaatt gttgatgcct      180
ttaggtatgt tgggaatcttt tttttgcct agggaggggcc agttgaaaat ctgtgactca      240
agaggcagtg aacagaatac tgttttctgg ggaaaaattg gttggctact tgatgttaat      300
tatggcacag taacaggaaa aggttgtgtc tgtgttttta agtttttctt tattctgctt      360
ttttgctgct ataagagttt tctgaaattt atattttaaa cttttcatgc actttactgt      420
ttctagtctc aaaatgtgat atttttaata aacaagaaat tttccattat gtgaatgaaa      480
ttttaaaaga caatagccta tatttgtgtc tcactaatat ataaagtata ggtcaaattt      540
aaattattta attagtttta aatatcacia tttgtctcct ctttcaaacc tgacatcttc      600
gggctgtttt attagtctaa atgatgcatt tacttttgtc attttatgct aattctttca      660
tagtaataaa tcaggctata taaggtaata tttccccana nggtaatttt aatgggacna      720
nggttgggtg gatgatgtca tatcatacat ggggattgcc                               760

```

<210> 3037

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3037

```

tnnnctantn ttataccttt antactngct ctttttgcag gatcccatcg attcgaattc      60
ggcacgaggt gatctgcctg cettgggtct ccaaagtgtc gggaatacag gcatgagcca      120
ccgcactcgg ccaggagcta gttttatcag catcctgtct cactgccttc ctctagtgcg      180
gcctggaaga catggcagcg ggtagctcct ggggctgagc cagaagcatc actgcagtga      240
aagtctctgc ttacctgtct ggctcagctt gggcaagggc tgggccatat gtgctcaggg      300
acgtgcttct cttgtaaggc aggaggatag aagaggacca agaaggaggagg gagctgcctt      360
gtggtgcaca caggcctgcc atggggcggtg ggagcccatc ccgctgcctg accggagctg      420
gctgctgtgg tggactcagg aaccactttt aataactgcaa ctgctccctt ttgccagtc      480
agggaaagct gactgtaagt cccacctncc cctnctgcca cccttctagt ggtttctctg      540
agaggtttct ctgcttcagc tgtgcttgaa gtggcatgcc tnctctgctg canggctccc      600
ccaacccccca cacggnctta aagatgttaa tttccttata gactggatta aagtcagcca      660
ttctttttcc tcaaaaaaaaa aaaaaaaaaa cttgagcctn tanaactata tgagtcgtat      720
tacgtagatc cagacntgat aagatncatt gtgagtttgg acnt                               764

```

<210> 3038

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3038

```

tgggnnnnnn nnnttnnnntn tactaanntt atgcctcggt agtaonngct ctttttgcag      60
gatcccatcg attcgaattc ggcaagagat tggggactga catcttaagc tctcacctgg      120
ctgcagtang aaaggccaaa ctgacgacaa aaaaaaaatt ctttataaag atgatatggt      180
aacatgtatc tttgcctcgg gtctgggtgg gtccagtcag tctcagattt acaagcattt      240
aggagcctag gtaaaaagctg ctagtattct tttaaaagtt atatttatga cttgcaatga      300
tagaaaactc cttccaatta aatggcattt tataatatta tgtgtgtact tcacagtgtt      360
aaaaataccc tcatacgtta ttgcatttga tcttcacaga aagtgcattt taaccagtag      420

```



```

tctgggtgca ataaataata tgtagaaatt taagtcctcc aattccagca tatccagtga      480
gttttgacag tgtgtttatg tggaatgttt aaggatatac aattgtactt tatataaatt      540
ggttcttggt cttcttaaatt gtgacatgaa ataattgnrc tgctacatta tactggaaat      600
taacagggga aaaggggaaga gcttcttggt tcccttgagg tctgctantg ggtgttaggg      660
agtggttaca actgaacttt tantaacct ttaacctgat gtaaacttgg tttctaatta      720
aaaaaaattc ctttttccaa aaaaaanaa nntnaccccn ntttttantc nnnnnnanct      780
nanannt                                          787

```

```

<210> 3039
<211> 752
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

```

```

<400> 3039
ntaatccaan aaccttggtg aagcctttgn annnccnate ggcaggaccc atcgattcga      60
attcggcacg aggacccagg tagaccagct caagagttca tgttctttgt catcctcctg      120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc      180
tgccacttg gctttctggt ttgcccctaat gtggtctatt ctgatgcag ctaccaaagt      240
aatgttttaa aaccattata ccaagttact atccttgctc aaacccccag taactgccaa      300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat      360
gcagcaacct catctttacc gtttccctgc ttgctcactc cctccagcg cegttattct      420
tcctgatgcc cctagtacac acaactnct tcctgctcca agagtaggaa aattactgnt      480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcatgtctg aatcttctcc      540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt      600
tccagtcctt gaatgcccct tcccacttc atagcactta ttgctatctg aaattcacta      660
aatgncacct tcatganggt aggcaattta atgncctggc actggtatgt ctanagacaa      720
gcactggcta tagtaggcac tcaacaaata tt                                          752

```

```

<210> 3040
<211> 811
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(811)
<223> n = A,T,C or G

```

```

<400> 3040
tnnnaatcnc nnnaagcctt tgttnaacc ctttgctact ngcncttttt gcaggatccc      60
atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc      120
atcggtggag ctgagatcct ccctgatggg gaccatgact tgaagcgctg ncagtatgtg      180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna      240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgcactc anaagttttc      300
tcatgangag attgccatgg cgaccgtcac ancgtctgnc cgcacagngc cccccgctgt      360
cactgggatc accttctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa      420
tgccattaac aagtgccenn tgctgaancc ntgnnccctg accttcttct actgncgagc      480
nctgcangcc tctgcnctga acgcctgngg cggnnaataag gagaacctga agctgctcac      540
gaagaatntg tcaagcgaac cctgncnaac agcctngcct ggcaaggaaa gtncaactnc      600
gagccgggta ggctagggct tgctgcaacc gaagtcccct ctttggtnnt ctaaccatcg      660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact tnnaagncct      720

```

ttggccccaa tttecnanttt tttagaaanaa ggnaggncgg centncttta nngggcttcc 780
 aaaccttggg cttaganccc nggctttttt t 811

<210> 3041
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3041
 nggnttcnnt ctaactnaaa cngttnggna actcncctct ntctgtngat cccatcgatt 60
 cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat 120
 gtttgatat actgtattct agccagaata attttagatc tgatcaggta gtagctaaaa 180
 ttagaaaaaa acaaaataga tgcttaaaga atttgcaccc atttttgagt ctaaattcttt 240
 taaaatatac tgagatccac atctagtga atgtcagtg caaaatatta tagattatag 300
 ctaaaatcca gattaatact catttgggggt tttttatagt ggaacttcat agtaatacaa 360
 aaagcagatt gtcttctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc 420
 agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt 480
 caacacattg attgaacact ctggcaaaga tgctgtgggt gatgangttg gagttcgaaa 540
 agaagaagca agcgctggcc tgccttgaaa gaacccgaaa gtctttccca ttcacttctc 600
 tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt 660
 ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt 720
 gtggaattca acatcttggg tgggacncat tggcttt 757

<210> 3042
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3042
 gnnacantga acggaaagtc ccnatcnntg naggatccca tcgatnngaa ttcnngcacga 60
 gccccactcg gggatatgtga atgcccnttt tgantaagga agtgcccatc ttcacaaagn 120
 agcgattga cttcaccct tccgagcgca ttaccagtct tgnctctcc agcaatcagc 180
 tgtgcatgag cctgggcaag gatacactgc tccgattga cttgggcaag gcaaatgagc 240
 ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
 atactggctc tcacctgctg attgcccctga gcagcacgga ngtcctctac gggaaccac 360
 ttgagaaggc tgccctctag gctctgctca gtcattctgc aattgccaca ctgtgaccac 420
 gntgacggga gtagagtagc gctgtnggcc angagggtgtc aagtgtgagt gaattctgcc 480
 agcttctcat gctgnnttca nanctgcagt tatgccagac catcagcctg cctncagnag 540
 aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gntcncagca 600
 cctcttctgn cctggcatt cccccacnca cgnncctggg tnaccctcga gaagagaaga 660
 nanaagagaa gcacctnnc ttccgactg gtaaanntct ggcgggcctt ttggaaancc 720
 canctcctnt tntctcagaa ggaagcnnnt nttcttccct cctggnetga aaggtgtnc 780
 aaaaaanc 788

<210> 3043
 <211> 788

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3043
 gnnacantga acggaaagtc ccnatacnntg naggatccca tegatnngaa ttcngcacga 60
 gccccactcg gggatatgtga atgcccnttt tgantaagga agtgcccatc ttcacaaaagn 120
 agcgcattga cttcaccctt tccgagcgca ttaccagtct tgnctgtctcc agcaatcagc 180
 tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaatgagc 240
 ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
 atactggctc tcacctgctg attgccctga gcagcacgga ngctctctac gggaaccac 360
 ttgagaaggc tgctctctag gctctgctca gtcactctgc aattgccaca ctgtgaccac 420
 gntgacggga gtagagtagc gctgtnggcc angagggtgc aagtgtgagt gaattctgcc 480
 agcttctcat gctgnnttca nantgcagt tatgccagac catcagcctg cctncagnag 540
 aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gnctcnagca 600
 cctcttctgn ccttggcatt cccccacnca cgnncttggg tnacctcga gaagagaaga 660
 nanaagagaa gcacctnnc ttccgactg gtaaanntct ggcgggcctt ttggaaancc 720
 canctctnt tntctcagaa ggaagccnt nttcttcct cctggnetga aaggtgtnc 780
 aaaaaanc 788

<210> 3044
 <211> 804
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3044
 gngacctann gntngaaacg cnctctctgc aggatcccat cgattcgaat tcgggcacgag 60
 gtttcattta agaagaatga gctagataaa tgtgtctctc tgggttaccac accctgaacng 120
 agtgcatttt tacacggnta gcaggggttg agactgcagc ctggcctgcc agccattgga 180
 ggtgtttaag gaagggcaga taatgtgact ctttgcgggg tgccatctgc ttaccatta 240
 ncgagcagag ggggtntntg cgggtgaccc cnagcatatn tctaggttac ttatgggcag 300
 atttgtaagt gacaatactc cagctgatgc tgggaatggg gagagggccc ttgagggact 360
 ttgtgntncn gtgcttctgg ttctctggcc aacccccagg gtcaacttng tcttggatgc 420
 ccaancttgg gcactaatgt ctgnacacctg actatgtnaa antgtntaaa tgattcctct 480
 antttnggna tgagatcttc caatccanag gaancccnnc tttggacttg ccttgggtta 540
 aatcttgcac ancntaaagt ggttngatga agttcatctg aagaaattta nggcccacn 600
 tncnaancct tnccecttc ntgcttccct tttgaaactt ggcttctggg gaaactcnng 660
 ccagaagtnc ttngggacac canncctntt tnggggntc tcaaggncgt tcccnttngg 720
 nctgtnnccc aaagncnaa nngantcnng tngcntnnat tnggaaggaa ttntcggntn 780
 cctangttgn nttnattncn aaac 804

<210> 3045
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3045

cngtctaaac cnttggttac ttgctctttt tgcaggatcc catcgattcg aattcggcac	60
gaggcaggag aatcacttga accctgnagg tggcgggttg agtgagcnca gatcatgcca	120
ctgcactcca gcctgggcaa caaaacgaga cttegtctca aaaaaaaaaa acntagaatt	180
tggatccttt ggtcgggttc tcccaaattc ttttgagggtg tccatgggtca actgcttcag	240
ctttgttttg gcaacccctt gcccgaagtc gcatataggc tgttcttcac cttgtttcca	300
aggctgagga acagaaagta gcctctgttt tgaggagggtg gaagttaagt atacatttat	360
tttttactgt gacttgtcag gaccacattt tacaaaatgc cttgtttcct tcattgnttc	420
tggaaaagga aagttctatt aatattgntt tactttgaat atagaatagt ttttttaatt	480
agggcttatt ttgaaaaatc tgagttaaat tcaaatgttt gccaatacct tccaaagtaa	540
ggtaatatcc agagacagtt gttgtgaaca agatggctta aaagaaattc ttggaatatt	600
cacattcnaa agattcctta ttaatgaatg tctttgcctt aaaatctaac caaaaaactg	660
cacatttatc ctttgggcat ttttcattat atagnngtaa caagctttag ntgccaacca	720
aattaaaatc cttaagcttt ttaaaaaaaaa aaaaaaaaaa actcngngccc tttt	774

<210> 3046
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3046

cttnnnttgt nctntntctt tcaaatoget nggctacttg ttcttttttg aggatcccat	60
cgattcggga agaggatgac tgggtatgct gtgccaccct tgagggccat gaatccactg	120
tgtggagctt ggcctttgac ccgagtggcc agcgcttggc gtctttagt gatgaccgta	180
ctgtgcgtat ctggcgtcag tatctaccag gcaatgaaca aggggtggca tgcagcggct	240
ctgacccag ttggaaatgt atctgtactt tgtccggctt ccactcaagg accatttatg	300
acattgcttg gtgtcagctg acaggggctc tggccacagc ttgtggggat gacgcgatcc	360
gcgtgtttca ggaggatccc aactcggatc cacagcagcc caccttctcc ctgacagccc	420
acttgcata ggcctattcc caggatgtca actgtgtggc ctggaacccc aaggagccag	480
ggctactggc ctctgcagt gatgatggg aggtggcctt ctggaagtat cagcggcctg	540
aaggcctctt gagctacctc gactttggac agagtaatga ctcccagaa aacgtcatat	600
aagaanttta ccaaccctg aangaccaag aaggagccat tcctttgacc ttcatttaac	660
ttgggctcac tttttcttta aaactttggg tagaaaatgc agagccccag aattgctttt	720
ccttcccgnc ttttgacatg aaggccttaa gtaaaagaac ttcngaaca ttaaaaaaa	779

<210> 3047
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3047

tnctttgatg ccattgctct tgtttttnt gcaggatccc atcgattcgg cttgccttta	60
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cacacggaat cgctgtgcat cgcacagagg ctgattggca catggggcac ggggattgtc 120
agctcaaaca ccgtcagcag cgttgccctt ggaaatggga tttcccagaa cagtaaactg 180
gtctgtcctt gatttacaga gtagctacat tctaggaaa tccagggtac attaaaactc 240
accatgttac ccaggctggt ctcaaactcc aggcctcaag caatcctcct cctgtctcca 300
cacagacggc ttctgcagggt ttggtaatct acagtacact ccttcgaggg aaaagggtgat 360
gagtcacat ggacttattt gaccactttt tatgcatgct tagaggaaaa cagaatactg 420
ttaagagatt catctgctag ttattaagta aagaaatata acaataggcc gggcgagtg 480
gtcacacact gtaatcccag ctttttggga ggccaagggt ggccggatca cctgagggtca 540
ngagttcgag accagcctac caacatggtg aaaccccgtc ttntactaaa attatnaaaa 600
attagcccggt tgtagtgggt ccacgcctgt agtcccagtt actttgggaa gcttaagcat 660
taagaattgc tttgaacca ggaagttgga ngttggangt gaaccnnaaa tgtgccctgn 720
acttcanect ggaacagant gagacacttg tncncaaaaa aaaaaat 767

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<210> 3048

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3048

```

ttngncgact nnancntnac annaatcctt tggttacttg ccngcaggat cccatcgatt 60
cgaattcggc acgaggcagg gagttgcttg ggtggccgct aacnccaggc tactcttatt 120
ttagcttgct aagttgagat cagctagacc tgctttcttt tctcctcagt cttgcatttc 180
cctcaataca agctgtagcc tctttcctcg tttctagtct cagaaggaag gagagggaag 240
ccattctcct ctagggactc ttcagtctca tttagatgat agtccctttt tttctacctc 300
catattagag atggagctcc ttccttttcc tgtttcttaa tttttgtctt ctcatctctg 360
cttccctctc accctattgc cagttccacc aactagagtg aaagacttcc tagccatttc 420
attaaatcta ttctgtatcc accagggtggc agcatcttgt catacgtgtc aggacttagg 480
actgcggggt ttaggttana tgtcacggaa aaagctagtt ctgtgggtcag gcggcaccaa 540
tgagaaagga atgcagaccc ttcagatgta tccttgggaa aagcagtaaa ccaactaata 600
tttattgaag gacctacttt gtccttacat agggnanctt ctgtcaggga atcntggggt 660
cttnccaaga aacactgatt ttctttcang gagacttcat ggggtcattt atttcccac 720
agcagaattt aagaaattat tatatggaat attggatata tataaagagc 770

```

<210> 3049

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3049

```

gcngnctacn gaaacccttg gctactngnt cttnttgcag gatcccatcg attcgaattc 60
ggcacgaggg aaccatgaga accgaagcta gaattgctat tgaattactt tattttctct 120
tcccttattg ggtagagata catcattact ggcctcagggt gtttaccxaa agaaagggtta 180
tttttgagca aataatgtga tttcctggct attttgttgg gggcttaaga tttttttttt 240
tcaaatgcat ttttagtcac taaaaattaa ctgtcgtacc atctagaact atactgtcca 300
gtacctagc ctctagcgt atgtagctat ttgtattaag attaattgaa attttaaatc 360
cagttcctca gtcacactag ccactttcta agtgcctcagt agctctgtgt gaccagcggc 420

```

```

tactgtattg gatattatag aagggtcttt cattcaagat catcattctt gacagaccca      480
taaatatttc ctataaagac tgtagaagtg tggtctggaa ggggttgctc tccaaaaaga      540
attgtaatat agagtagaat tgggatatag tattgaagac actgggttta gacattggat      600
attttaatga ttngtgttgc taattcatgt gctgccactg agttatctag tgatatgacc      660
tcactgcttg accaaaagcc cggaatagaa ggcaggattc ctggaatcta tcttaaaaat      720
ttgcaatgga anaacctttt ccctaaatta tccattatg gtaan                          765

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```

<210> 3050
<211> 815
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

```

```

<400> 3050
gnnnnnnnntt tnaaacctt ggctactngt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg ctagactcaa gctgtctgga gagtgtgaaa caaaagtgtg tgaagagttg      120
taactgtgtg actgagcttg atggccaagt tgaaaatctt catttggtatc tgtgctgcct      180
tgctggtaac caggaagacc ttagtaagga ctctctaggt cctaccaaata caagcaaaat      240
tgaaggagct ggtaccagta tctcagagcc tccgntcctc atcagtccgt atgcttcaga      300
aagctgtgga acgctacctc ttncctttgag accttgtgga gaagggtctg aaatggtagg      360
caaagagaat agttccccag agaataaaaa ctggttgttg gccatggcag ccaaacngaa      420
ngctgagaat ccatctccac gaagtccgtc atcccagaca cccaattcca ggagacagag      480
cggaaagaca ttgncaagcc cggcaccatc acgcccagct tcatgaggaa aatctgcaca      540
tacttcata naaagtccca ggangacttt ctgtggtcct gaacactcaa ccagaattat      600
angattctaa tctgagttga gttactgagc ttttggtccc acttaaaaca aagcttgaag      660
cttntggtn cacttaaaaa ccanggaatg aaananttc ccaagaagtn ggacttcttn      720
ttaactnctt gggncntttt tangaaaang cttgcccntt tttcaaattt tttangccaa      780
aaantcnttt tttcaaacc ctttgaaaat ngccc                          815

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<210> 3051
<211> 716
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

```

```

<400> 3051
gaancccttt ggctactcgc tctttntgca ggatcccatc gattcgcaaa gatcagaagt      60
cctggcaaga atcacanatg gaaaaacnac aattctagac agagagcagt cactggatca      120
ggcagtcact tgtgtgattt gaagctagaa ggtccaccgg aggcaaatgc agatcctctt      180
ggtgttttga taaacagtga ttctgagtct gataaggagg agaaaccaca acattctgtg      240
atacccaagg aagtgcacc agccctatgc tcactaatga gtagctatgg cngtctttca      300
gggtcagaga gtgagccaga agaaactccc atcaagactg aagcagacgt tttggcngaa      360
aaccangttc ttgatagcag tgctcctaan agtccaagtc aagatgttaa agcaactgtt      420
agaaattttt cagaagccaa gagtgagaac cgaaagaaaa gctttgaaaa acaaacccta      480
ngaggaaana agatttcaca actatcaaac gttattcgaa ccangaacac accatccata      540
tctcttgga atgcttctag cttccggaca ttcgacatga aaagaaatgt gatttgcant      600
gtggccggtt cctcatcaaa aaagactttt tggctggatc tattctgcga aagtaagatg      660
ttagctctgg ggttacttct actgaanntg tgaacattct cctntttgtg gaggaa      716

```

<210> 3052
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3052
 ggnnnnnnnn nnttgnggtt nannnctttt ttncntncnn ntttgaaacc ctttggttac 60
 ttgntctttt tgcaggatcc catcgattcg gccgccgggg cgcaatgcga gcggctggng 120
 taggcttggg ggactgtcac tgccacctct ccgccccgga ctttgaccgc gatttggatg 180
 atgtgttgga gaaagccaag aaggccaatg ttgtggccct tgtggcagtt gccgaacatt 240
 caggagaatt tgaaaagatt atgcaacttt cagaaaggta taatgggttt gtcctgccat 300
 gcttgggtgt tcatccagtt caaggacttc caccagaaga ccaaagaagt gtcacactaa 360
 aggatttgga tgtagctttg cccattattg agaattataa ggatcggttg ttggcaattg 420
 gagaggttgg actagatttc tccccagat ttgctggcac tgggtgaacag aagggaagagc 480
 aaagacaagt cctaatacaga cagatccagt tagccaaaag actaaatttg cctgtaaatg 540
 tgcactcacg ctctgctgga agacctacca tcaacctttt acaagagcaa ggtgctgana 600
 aggtactgct gcatgcattt gatggtccgg ncatctgtag ccatggaagg agtnagaanc 660
 tgggtacttc ttctcaattt ccccttctat cataagaaat ggacagcang aaacttgtga 720
 aacaattgnc ttacttcta tatgcttaga aacagatcac ctgactagga cnanaaaaca 780
 ggtcc 785

<210> 3053
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3053
 gttnnnnnn tnatccccn nanaaaacct ttggctactt gctctttttg caggatoccca 60
 tgcattcgaa ttcggcacga ggtttcacat ttgctgccat gagcaaagan gaggtcgaca 120
 ggtacaattt tgtgatgctg gccctgtcct cctcattcct ggtgttatcc tatctcttga 180
 cccgttgggt tggcagcgtg ggcttcatct tggccaactg ctttaacatg ggcattcgga 240
 tcacgcagag cctttgcttc atccaccgct actaccgaag gagccccac aggcccttg 300
 ctggcctgca cctatcgcca gtccctgctg ggacatttgc cctcagtggg ggggttactg 360
 ctgtttcgga ggtattcctc tgctgtgagc agggctggcc agccagactg gcacacattg 420
 ctgtgggggc cttctgtctg ggagcaactc tcgggacagc attcctcaca gagaccaagc 480
 tgatccattt ctcaggactc agttaggtgt gccagacgc actgacaaaa tgacatgact 540
 tcagggaagc ctggacaccc gangcacctg gaccaactat gggtaagtgc ttgtgggtgg 600
 aacancattc tgtgtaagaa cccacttgan ggcnttttgc aaaccggaat tgacaggnaa 660
 cccagaana ttaaggcacc acaaaagtgc ccccttgcac gaaaacacct tgtgaaccat 720
 ttcaantct tgaaatgccg ggggggggaa gtttcaattt ttaagggaaga agaaccacaaa 780
 gccctttnt 790

<210> 3054
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3054

gnntgnttttn nnntcttttga tcccttctttt caaatcntttt ggctacttgt tcttttttgc	60
ggatcccatc gattcgaatt cggcacgagg ggtgttgagg cagattntag ttgatccaca	120
gcaaagagca tcaccaaagc cattccagga ggaactagat ccaccacttc ctctgctggg	180
catgctccaa aaatggttgt ggcttccaga gaggactcca aaagaaagca caaaaactag	240
acagtgggag ggcataccca aaagccctga gtttctgaaa aaatattgaa agtttctatg	300
gtgaaatagg aagttaatgt gcttaggaag aaaaaagtgg taatgattca aggaaacata	360
atcacacacg gtttttagttt taatggacat gggaggagcc ataaaagtag tctatctatc	420
atcagttaca tatctaata gaactgtctatc tgggataccc tatcctgttt taatctgagt	480
gactctctct cagctgagag agctggacag actccatttt agcctcttca cttgcagtcc	540
ccttatcccc cttccttaag ggaataacta gtgcaagctg actccaagca catncaggaa	600
tgcacttact gataaagata ttgangcaag ttgtaccagc agctcctggg gacgtgctca	660
ntggatggtn ccaagccctt gcatttatct ctttnggata gtntaaacct ctgcacctgg	720
aactgtgatt tttctgtact atctctgtac cctnaatttt ttttactttt	770

<210> 3055
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3055

tncttgaanc cttttgctac ttgttctttt tgcaggatcc catcgattcg cgtctgtaat	60
cccagctgct tgggaggctg aggcaggaga ntcacttgaa cctggagggt ggcggttgca	120
gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac ttctgtotcaa	180
aaaaaaaaac cntagaattt ggatcctttg gtctgggttct cccaaattct tttgagggtg	240
ccatgggtcaa ctgcttcagc tttgttttgg caaccccttg cccgaagtgc catataggct	300
gttcttcacc ttgtttccaa ggctgaggaa cagaaagtag cctctgtttt gaggagggtg	360
aagttaagta tacatttatt ttttactgtg acttgttcag gaccacattt tacaaaatgc	420
cttgtttcct tcattgnttc tggaaaggaa agttctatta atattgtttt actttgaata	480
tagaatagtt tttttaatta gggcttattt tgaaaaattc tgagttaaata tcaaagtgtat	540
gccaatacct tccaaagtaa ggnaatatcc agagacagtt gttgtgatca gaatggctta	600
gagaaatttc tggaatatcc acattcgaag attccctatt aatgaaatgn ctttgacctt	660
aaaattttacc caaaaacttg caaccattaa ttctnttggga ccatttttca ttatatagn	720
gttaaaccaag ctttagttgc caaaccaaat taaaattcct taaagctaaa aaaaaaaaaa	780
aant	784

<210> 3056
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3056

cgnttaaann	ccttcaactcn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttctttat	gaacctata	ccaatatctg	120
ttgatcaatg	accatTTTTg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgctt	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tcctaatat	tacattgttc	tggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tgccatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gagggtttgtc	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttggngaaat	ttgggggatg	779

<210> 3057

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3057

ttancctata	ancgtctatg	aagcctttgc	tattngncaa	tggtatgcagg	aaaactgaga	60
tgggatttcc	ccacgttgcc	caggctgggc	tcctgagctn	aaagcaatcc	agattgctgg	120
gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	aggggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcgat	ggcgcgatct	tggtaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccaggt	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tggtggtcag	gctggctctcg	420
aactaccgac	ctcaggtgat	ccaccacct	cggcctccac	agtgctggga	ttacaagcat	480
gaaccaccgn	gcccggnctc	ctgttccagt	tttctataat	ctggtcatat	tatatctctg	540
gtatatgtgg	gtgggtgtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgttttaag	ataagtttca	tttcttcaaa	agatgtatgt	ncaatacctg	660
ggtatcaggt	aacaatctta	aaaaaactta	ttcatthaaa	aattaacctt	taaaattagc	720
cattccaatt	naacattaag	ganggttgng	agga			754

<210> 3058

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 3058

nttaanttnt	gatngtcnat	aaggccttta	tcgattcgcc	aatggatgca	ggaaaaactga	60
gatgggattt	ccccacgttg	cccaggctgg	tctcctgagc	tcaaagcaat	ccagattgct	120
gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttggctcac	cgcaacctcc	gcctccccgg	300

```

ttcaagtgat tctcctgcct cagcctccca ggtagctggg attacaagca tgggccacca 360
cgcttggtta attttgtatt tttagtagag acggagtttc tccatgttgg tcaggctggt 420
ctcgaactac cgacctcagg tgatccaccc acctcgccct cccacagtgc tgggattaca 480
agcatgagcc accgcgcccg gctcctgtt ccagttttct ataactctgt catattatat 540
tctgggtata tgtgggtggt gtgattatcc atgtggtctt attttcacat tctttgcatt 600
aactataatg acttaatggt taagataagt ttcattctac aaagatgtat gtacaatacc 660
tggtatcagg taacaatctt aaaaaaaact aattcattta aaaataaaca ttaaaattag 720
ccaatccaat taaccntaaa gacagtttgt ganga 755

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<210> 3059

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3059

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nttaantnt gatngtcnat aaggccttta tcatctgcc aatggatgca ggaaaactga 60
gatgggattt cccacagttg cccaggctgg tctcctgagc tcaaagcaat ccagattgct 120
gggattacag ctgtgagcca ccgtgcctgg ctgagatgac ttttaaaaaa agacttctct 180
aaagtagaag gaaggggtgga attgtatgca caagaagaaa aaaacctgga agaaaaacat 240
actaaagagg ctggagtgca atggcgcgat cttggctcac cgcaacctcc gcctcccggg 300
ttcaagtgat tctcctgcct cagcctccca ggtagctggg attacaagca tgggccacca 360
cgcttggtta attttgtatt tttagtagag acggagtttc tccatgttgg tcaggctggt 420
ctcgaactac cgacctcagg tgatccaccc acctcgccct cccacagtgc tgggattaca 480
agcatgagcc accgcgcccg gctcctgtt ccagttttct ataactctgt catattatat 540
tctgggtata tgtgggtggt gtgattatcc atgtggtctt attttcacat tctttgcatt 600
aactataatg acttaatggt taagataagt ttcattctac aaagatgtat gtacaatacc 660
tggtatcagg taacaatctt aaaaaaaact aattcattta aaaataaaca ttaaaattag 720
ccaatccaat taaccntaaa gacagtttgt ganga 755

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<210> 3060

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3060

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ctttnaatcc cttgcactcg tcttntgnag gacettatcg attogaattc ggcacgagat 60
aacacacatc acagtatgct ctcagaaatt tctttatttg aacctatac caatatctgt 120
tgatcaatga ccatttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag 180
aataaaaagg atcttaccac ctttatcatg aggggtggctt tgetctctcc attccaagtt 240
gttctctggt ctgaaaagca gatgtagtag acatctactg tttttgccta aacagaatcc 300
ctttttcctt tttttgttaa aagtactcat ccctaataat acattgttct ggaaggactg 360
aaaataacag aactcagcac catgatcgga ccgggacaat cagattattt cattcctcag 420
caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttggtggt ggcataatga 480
ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa 540
ataccgtttc ctgacacttg gaggtttgcc acaatcgggtg aaataaaggc aagacgtaac 600
actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc cntagaact atgtgatcga 660

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ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtga	720
aaaatcttat tnggaattgn gatn	744

<210> 3061
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3061	
ctttnaatcc cttgcaactcg tcttntgnag gacettatcg attcgaattc ggcacgagat	60
aacacacatc acagtatgct ctcagaaatt tctttatttg aacctatac caatatctgt	120
tgatcaatga ccattttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag	180
aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt	240
gttctctgtt ctagaaagca gatgtagtag acatctactg tttttgccta aacagaatcc	300
ctttttcctt tttttgttaa aagtactcat ccctaattatt acattgttct ggaaggactg	360
aaaataacag aactcagcac catgatcgga ccgggacaat cagattatct cattcctcag	420
caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttgggtgtt ggcataatgga	480
ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa	540
ataccgtttc ctgacacttg gaggtttgcc acaatcgggtg aaataaaggc aagacgtaac	600
actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc ctntagaact atgtgatcga	660
ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtga	720
aaaatcttat tnggaattgn gatn	744

<210> 3062
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 3062	
nttnnnnat aannttnatn agncttgcac ttgctctttt tgcaggatcc catcgattcg	60
aattcggcac gagaaagccc gccaccact gtgggacttt ctgggtgggt cctcagctcc	120
caccccaggc tggggcccag attgtgaggt ctgtgtgcat gtgtgtgtgt atgtgtgtgt	180
gcatgcgtgt gtgtgttgtg gggatctggc ctggcccttg gggatggggc tgctggggac	240
tgccccctt ccgcccgtgg ccaggcgctc tgtgtgctgt gtgtgcccc ggcctctgtt	300
accccgctca ggaactaact taccagctt ggtctctcct ggtcctcca ccctggcctg	360
ggattggcca gggagcagg cgggcattgg gaccagtgtg gagcctgagg gtgcctgccc	420
tgctctggag ggagggccag gagctgccac acccccaagt cctctcaggg cccaccctcc	480
tttttcagcc tctgcataag gccctgggt aactgcaga agccccatcc tccccgttc	540
gggcataagg cccctgacca cacttcagaa gccccatccc ccctgcaccg ggcgatccct	600
gctgttagcc gaactntctg cccgctgcca tgtgtcgtgt ttgggtgnaga cctgatgtct	660
gtntgtgtcc aaacgggctc aagagcctca caatctgggt agctgacca gtacgtgt	718

<210> 3063
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 3063

cgnttaaann ccttcaactn ntcgtttgaa gncnnttggc gattcgaatt cggcacgaga	60
taacacacat cacagtatgc tctcagaaat ttctttatatt gaaccctata ccaatatctg	120
ttgatcaatg accattttttg ctcagcatgg agaaacagtg ccttgcata agggtagtga	180
gaataaaaaag gatcttaccac cctttatcat gaggggtggc ttgctctctc cattccaagt	240
tggtctctgt tctagaaagc agatgtagta gacatctact gtttttgcct aaacagaatc	300
ccttttttct ttttttggtt aaagtactca tccctaatat tacattgttc tggaaggact	360
gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt tcattcctca	420
gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt tggcatatgg	480
accctgagag aaagaacttt aattttttct cttggactgc aataaagtat agctgcctaa	540
aatacgtttc ctgacacttg gaggtttgtc cacaatcggg gaaataaagg caagacgtaa	600
caactggatg aaaaaaaaaa nnnnnnnnaa aaaaaaaact cgagcctttt aaaactatta	660
gtgagtcgna ttaccgtana tcccggacat ggatangatn cattgatgaa gtttggacca	720
aacccccaac ttggaatgcn ntgnaaaaaa atgctttaat ttggngaaat ttgggggatg	779

<210> 3064
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3064

tnnnnnntnn atnttgccct tgnctntgaa ggcttntctg attcgaattc ggcacgagaa	60
gctgctaggt tccagtttta attttttaggt ttagttggac tctgttatga aaagataggt	120
tatgggtggg cgacagggtg atacagtctt agaaaaagca ggtaatatca aagtattgga	180
aagctagcat gcatgccctc ttacctgggt atcttccccc ttttttctct ttaaactctt	240
gagcctccta taacgaagga ttatgtgttt caaacctttt ttttttactg tttcattaag	300
tgtgcttggt cccaaaatat ttacttgtat aatatctgta cttgcttaaa tacttcagca	360
aagtcagcat atttactcat tcaacaaata tttgagccag gcattatttt agacacagca	420
gtgaacaaaa caaaaaggca ttcttgccct catggagctt acattcttat tgggtatttaa	480
atctaaatgt tataaaacaa gaatttata tctagggttg atcagctagt atttaaatcaa	540
aaangccaca ctcccatagc agctctctaa gctgtagtag ctaataaaaa atattaatgg	600
tggccgggca cagtgcctac gcctattaat ccagcactt tgggangcca aggtggtaga	660
tcacttgagg tcaaaagtgt gaccagcct ggccaacctg gtgaacccta tctctttaa	720
aatccaaaaa aatccaaaaa aattacttgg gctg	754

<210> 3065
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 3065

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cgnttaaann ccttcactcn ntcgtttgaa gncnnttgge gattcgaatt cggcacgaga      60
taacacacat cacagtatgc tctcagaaat ttcttttatt gaaccctata ccaatatctg      120
ttgatcaatg accattttttg ctcagcatgg agaaacagtg ccctgcatga agggtagtga      180
gaataaaaag gatcttacca cctttatcat gaggggtggct ttgctctctc cattccaagt      240
tgttctctgt tctagaaaagc agatgtagta gacatctact gtttttgctt aaacagaatc      300
cctttttcct ttttttggtt aaagtactca tccctaatat tacattgttc tggaaggact      360
gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt tcattcctca      420
gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt tggcatatgg      480
accctgagag aaagaacttt aattttttct cttggactgc aataaagtat agctgcctaa      540
aatacgtttc ctgacacttg gaggtttgtc cacaatcggg gaaataaagg caagacgtaa      600
caactggatg aaaaaaaaaa nnnnnnaaaa aaaaaaactc cgagcctttt aaaactatta      660
gtgagtcgna ttaccgtana tcccggacat ggatangatn cattgatgaa gtttggaacca      720
aacccccaac ttggaatgcn ntgnaaaaaa atgctttaat ttggngaaat ttgggggatg      779

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<210> 3066

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3066

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gnttgaatcc ctncanacat ncttggnctg aggatcctat cgattcgaat tcggcacgng      60
annacacaca tcacagtntg ctctcagaaa tttctttatt tgaaccctat accaatatct      120
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg      180
agaataaaaa ggatcttacc acctttatca tgagggtggc tttgctctct ccattccaag      240
ttgttctctg ttctagaaaag cagatgtagt agacatctac tgtttttgcc taaacagaat      300
ccctttttcc tttttttggt aaaagtactc atccctaata ttacattgtt ctggaaggac      360
tgaaaataac agaactcagc accatgatcg gaccgggaca atcagattat ttcattcctc      420
agcaaacgga gatcgatccg aaaagtggaa atatgagctc ttctttggtg ttggcatatg      480
gaccctgaga gaaagaactt taattttttc tcttggactg caataaagta tagctgccta      540
aaatacgttt cctgacactt ggaggtttgt ccacaatcgg tgaaataaag gcaagacgta      600
accctggatg aaaaaaaaaa nnnnnnaana aaaaaactcg agcctntaaa ctatagttag      660
tcgattcgta gatccagaca tgatagatcc ttgatgagtt tggacaacca cactngatgc      720
atgnaaaaaa cttattgnga attggggag                                     748

```

<210> 3067

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3067

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gnttgaatcc ctncanacat ncttggnctg aggatcctat cgattcgaat tcggcacgng      60
annacacaca tcacagtntg ctctcagaaa tttctttatt tgaaccctat accaatatct      120
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg      180
agaataaaaa ggatcttacc acctttatca tgagggtggc tttgctctct ccattccaag      240
ttgttctctg ttctagaaaag cagatgtagt agacatctac tgtttttgcc taaacagaat      300
ccctttttcc tttttttggt aaaagtactc atccctaata ttacattgtt ctggaaggac      360

```

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tgaaaataac agaactcagc accatgatcg gaccgggaca atcagattat ttcattcctc 420
agcaaacgga gatcgatccg aaaagtggaa atatgagctc ttctttggtg ttggcatatg 480
gaccctgaga gaaagaactt taatTTTTTt tcttggactg caataaagta tagctgccta 540
aaatacgttt cctgacactt ggaggtttgt ccacaatcgg tgaaataaag gcaagacgta 600
accctggatg aaaaaaaaaa nnnnnnaana aaaaaactcg agcctntaaa ctatagttag 660
tcgattcgta gatccagaca tgatagatcc ttgatgagtt tggacaacca cactngatgc 720
atgnaaaaaat cttattgnga attgggag 748

```

<210> 3068

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3068

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gnttgaatcc ctncanatic ncttggntgc aggatcctat cgattcgaat tcggcacgng 60
annacacaca tcacagtntg ctctcagaaa tttcttttatt tgaaccctat accaatatct 120
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggttagtg 180
agaataaaaa ggatcttacc acctttatca tgagggtggc tttgctctct ccattccaag 240
ttgttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat 300
ccctttttcc tttttttggt aaaagtactc atccctaata ttacattgtt ctggaaggac 360
tgaaaataac agaactcagc accatgatcg gaccgggaca atcagattat ttcattcctc 420
agcaaacgga gatcgatccg aaaagtggaa atatgagctc ttctttggtg ttggcatatg 480
gaccctgaga gaaagaactt taatTTTTTt tcttggactg caataaagta tagctgccta 540
aaatacgttt cctgacactt ggaggtttgt ccacaatcgg tgaaataaag gcaagacgta 600
accctggatg aaaaaaaaaa nnnnnnaana aaaaaactcg agcctntaaa ctatagttag 660
tcgattcgta gatccagaca tgatagatcc ttgatgagtt tggacaacca cactngatgc 720
atgnaaaaaat cttattgnga attgggag 748

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<210> 3069

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3069

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ggnnnnnnntc ttttcnaatg cttggetctc gttctttntg caggatccct cgattcgcaa 60
gagagagtga tagaattggc agtgaaatat acgaaccacc ctcttgccct ctgggttcac 120
aatacgtgta cacttgactg tgaagtggct gtgagagtgg gtggagagtt cttctttgac 180
cctcagcctg cggatgcctc tagaaacctc gtgttgattg caggaggagt cggaattaac 240
cctctgcttt ccctcctgcg gcacgcagca gatctcctca gagagcaggc aaacaaaaga 300
aatggatatg agataggaac aataaaaacta ttctacagtg caaaaaatac cagcgaactc 360
ctgtttaaga aaaatatcct tgatttagta aatgaatttc ctgagaagat tgcattgcagt 420
ttgcatgtta caaacagac tacacaaatc aatgcggaac tcaagccata catnacggaa 480
ggaagaataa cggagaagga gataagagat catatttcaa aagagacttt gttctatatt 540
tgtggccacc ttcaatgaca gactttttct ccaagcaact ggaaaacaac catgtcccaa 600
agaacacatt tgctttgaga agtggtggta ggaggcagac aaaggcagaa aaaattaaga 660
ggtgagatct actcaggaga gctcaaaaann aaaaaaaaaa aaactnggac cntagaact 720

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atagtgcgtc gtnttccgta gatccagaca tgataa

756

<210> 3070

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3070

gnnttnnaan ttaacagctc tegtnctttt tgcngatccc atnnattcga attcggcacg	60
agtgatgcct tagtcacttg gccacacagt tttgtggttt acgagtcacg ggaattgctt	120
gtcttactct gactgctaaa gttctgtcct attgtctttt catgtaatag caacatgact	180
ctgatgacaa agcccaacta attacacaaac ttaatttaaat agtttaaagc gcaaagggca	240
ttccctgagc agtaaaatct tttgtttgga aatttttaaaa caaattatat tttactttat	300
gttttatatt taccntaata agtattttaca agaacacaat tttctcaaga tttaaactgc	360
tcattgttcc ataaatagga cacacattta gaaagaggat ttttttttaa aggaatatatt	420
tagtgattac ttctggctaa aaacatgaaa ctcttttagt gcttgatgtt actggaaact	480
tgctctagat tattttttga atctttgtct ngagggtaaa aatagaaatg ttttctctcc	540
aattattgct ttgaattaaa attttgtgtc tgggtgaaat ttctctggc ttaatgcacg	600
accaggctgg tagaaaatgt ttcacctaaa tctcttatt tttggtaaaa cattcataat	660
nccaaaccct aatagtttgg naaggcatgt gataattggt aatcccctn ctgtctcan	720
tttataaatt cccctgacaa cagccctgct taanaatate acctacttct ggttggaattt	780
cttnccgn	788

<210> 3071

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3071

ctttnaatcc cttgcactcg tcttntgnag gaccttatcg attcgaattc ggcacgagat	60
aacacacatc acagtatgct ctcagaaatt tctttatttg aacctatac caatatctgt	120
tgatcaatga ccatttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag	180
aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt	240
gttctctgtt ctagaaagca gatgtagtag acatctactg tttttgccta aacagaatcc	300
ctttttcctt tttttgttaa aagtactcat ccctaattatt acattgttct ggaaggactg	360
aaaataacag aactcagcac catgatcgga ccgggacaat cagattattt cattcctcag	420
caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttggtgtt ggcataatgga	480
ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa	540
ataccgtttc ctgacacttg gaggtttgcc acaatcgggtg aaataaaggc aagacgtaac	600
actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc ctntagaact atgtgatcga	660
ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtgaa	720
aaaatcttat tnggaattgn gatn	744

<210> 3072

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3072

cactganctn	ctatccttct	tcnttgcagg	atccnatcga	ttcgaattcg	gcacgagatc	60
ctgtcggtat	tccttggtat	ctgantnaaa	taccaaatag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcatc	acactaatta	caaaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggctt	240
aatttggggg	tggttaactaa	aatcaaaaaga	aatgattgac	ttgaggggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctgtt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatcct	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggncttaag	ntccttggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggnntt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3073

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3073

tcnctcctna	aatcggtggc	gctctcttgc	aggatccctc	gattcgaatt	cggcacgagc	60
tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggg	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acggggaatc	ctgagatcag	agtcctagtt	360
tggetttgtc	tcttgtagca	ggatttttta	aatcaggggc	agctctcttc	tcccatecca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcett	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcatccattt	ctaaatatat	ccatggccat	540
caccttagta	aaaagactat	tacctcacac	cccgcacttg	atcttcccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtg	ttcccaactg	aatnccaaat	aaagttcgaa	tcccttanaa	720
tggcattcac	agccttntac	ttctggncce	acttttatnt			760

<210> 3074

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3074

ntttataant	ntnatncctt	ntctcttgntc	tttttgcagg	atccctcgat	tccaattcgg	60
cacgaggaac	aagcacagcc	caagccagat	gtacagcaca	cacagcatcc	catggtggcc	120
aaagacaggc	agcttcctac	cttaattggca	cagccccgc	aaactgtagt	acaggtgctt	180
gcagtgaaaa	ccacgcagca	gctccctaaa	ctgcagcagg	ctccgaacca	acaaaaatc	240
tacgtgcaac	cccaaacc	ccagagccaa	atgtcgctcc	cagcttcttc	agagaaacag	300
acggcaagcc	aggtggagca	gccaaattata	acccaaggat	cctctgttac	aaagataact	360
tttgaggggc	gccagcctcc	cacagttaca	aagataactg	gtggcagttc	tgtgcctaag	420
ctgacatcac	cagttacaag	catatctccc	attcaggcct	ctgagaagac	agcagtgtct	480
gacattttga	aaatgtcttt	gatggaagct	cagattgata	caaattgtaga	acatatgata	540
gtggatcccc	caaagaaggc	tcttgccact	agcatgctca	ctgggtgaagc	aggatcatta	600
cccttcacc	cacatgggtg	tgcagggatg	gcgaattcca	cttcccagca	acagaaatgt	660
agagagtcct	gttcgagttc	attcacgnt	ggctcttcct	taacgacaag	gaaaatttga	720
tccaccanca	gtgccttgc	acanggccan	ttnatgcgta	tttcanaatg	t	771

<210> 3075

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3075

atnngaagga	aacaatnntc	cttcgtgctc	tncntgcagg	atcccatcga	ttcggggccg	60
ttatttctctc	tttacagata	gctatagaca	tcatttttagg	aagtgttgca	gtctggcatt	120
tgtgctattg	ttcatttctct	gtgaaggctg	ttcatagttg	ctatagcctg	tgttttagttt	180
tgtgatttca	tcaatcccat	ctttctgtgt	gagtaatgca	ttctaaacat	cctacccccc	240
tttagaaaacg	gacgtgggga	acgcttggtc	atttaagcca	acaataaatt	taggtgaatg	300
tccctaagtg	tttactgntt	ttatccagtc	aaggattttgc	ttttccttga	acatttgttt	360
taaaattctgg	ggccaaaatg	caaaggagaa	gttctattca	aaggcagtag	ttgaaatcta	420
ttatttttagt	tagcctactt	ggcattttact	acatcgggtca	cttctccagg	ctgccctaaa	480
ttaggttgat	ggagtgagac	atgccaaaaca	tccacctttg	ggaccatagc	atagntaaaa	540
ttaaattgtag	ttggaatagc	tagcattgca	gctacagtag	ggaaactgtag	tctanttccc	600
taccgaaaac	ccaaggagta	agggacagga	ttttgcctag	gcaaaaatct	aagactcgtg	660
cccttctggt	acatggggnt	taagactgaa	tgtgtaatatg	gagactgctt	tgccaatcaa	720
atgatgacag	gtactgaaat	ngcaatccat	t			751

<210> 3076

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3076

ntnnnnngtc	taataattn	nnttctttgc	ntctccatg	caggatccca	togatccgaa	60
ttcggcacga	ggagaggttc	acagccacca	agaaagaagt	ttgcgtgaag	ttctccagga	120
ctatggaaac	cttacaggat	actgacttag	aacctctgtt	ggaatgtggc	tgagtcaaa	180
cctcctggtg	ttgttagggg	tatctacagt	aaggagatga	tacttcagga	gattatat	240
cactcaatga	tcttttctca	tttcagggtc	cttctcaaat	aagctaaaag	aaaaaggatc	300

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aggagacagg aaaagtcttc cgttttgagt catgagtagg gcaatagaca aggttctctt 360
caaaaccatc attagtttgg ctttaagaaa ccagtagcta gctgctatctt atatggtgag 420
ggggtgctgc ctggtaacag aatagctcca caccacagct tgagattttg tttagtttca 480
ctgtgtgagc tttcataaag tctgttgcca ttccatctct gtgttaaacac ttcataattt 540
tatgaaattc agataatttg tgagaggctg gcatggatct aaggatttat tatttttatt 600
ctagtccatc aagttcaatc gcagttttat actaggacct tttaggatgg tncataaaat 660
gtgtggactg tttgnccttg anttaaaagt gccacttttg gccctggggc atggnnggct 720
tcatgcctat taatcccagc acttttggga aggnccaagg ccggttggct tcactttgan 780
gctaaggaaa ttc 793

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<210> 3077

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3077

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nctcnantan ctatngcttg gttncctgnt ctntctgcag gatcccatcg attcgttcga 60
gtgcaagctc cccatctttc gaaagtttcc atggcaatac agctaactga agaactaaaa 120
gccagtgatg tacttgccag gtttctcagc caagaaagtg gggttgcca gactotcaag 180
aaaggagaag tttttttgta tgaaattgga ggaaatattg gggaacgctg ccttgatgat 240
gacacttaca tgaaggattt atatcagctt aacccaaatg ctgagtgggt tataaagtca 300
aagccattgt agaagactta acaagctgca gataaccatg tggacttctg tcataattct 360
tgctgagtca agagtgtaaa taaaagaaat ggcaggactc atattattca gttgtacca 420
agtatttaaa aatgactctc ttaagcctta aaaagtcata gatttgtgct gctgccagaa 480
ttatattaat tattattaat gttattatta gaaaaaaaat ttctggagtg agagtaaaga 540
ggcttaatta gtttgtgggc agttttcata tgctctgtga aatgtgtcca gatgtgacat 600
agtttttttt taatatgttg aaagtcttct ctcccatc ttttctccta aaatcatata 660
tactgnaata tatgctctct nactctatta ccttcttaca tctacccttt ccanttangt 720
ttgctttttg cccaaaagat accaattcca ngtttggaag ttg 763

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<210> 3078

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3078

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ntnnnnngtt tgnetannaa gnctttgctc ttgntctttn tgcaggatcc catcgattcg 60
aattcggcac gagagagact agtctcgagt tnntttnttt tttttttcac aaataaacca 120
actttaatag atnttatttn gtatttatat agtgccttct tcaagaacct taaatgcttt 180
acagacatta tctctaatta atccccacaa caaccctgtg aggtaggatg tactcccat 240
ttacaagaca ggganactga agcacagaga ggtaagtga cttgccaag gtcacacagt 300
taaattcact gaagagccag gacatgagcg ctttagcctc ccanntccca gccnaatacc 360
tcatgataga atctttaata aaaagtgttt ntaaagaaag tatcacgagt agttatgtta 420
tgaaaatgag gtcttnttac tgccatcaag gaaagaaaaa accctatact gatgggttaga 480
ggccccaaga cccacataat acaacatttn cctctttccc tgttccnaag cntcctgggt 540
cctgtcttaa ataatctttt aaaggtnaaa tttccaagac agaagccatg tgacttaaga 600

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agtgggactt aattttagaa tatttacttt agttacataa atttatagga aatttttatt	660
cccatttnca aaatatggga cagccattcc aacatcatgt catagttaca cggnaatcaa	720
gtcccccantt acaacttaca ccanccccgn attttaatca cagtcaacca acnt	774

<210> 3079

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3079

ttanocctata ancgtctatg aagcctttgc tattngncaa tggatgcagg aaaactgaga	60
tgggatttcc ccacgttgcc caggctggc tcctgagctn aaagcaatcc agattgctgg	120
gattacagct gtgagccacc gtgcctggct gagatgactt ttaaaaaaag acttctctaa	180
agtagaagga aggggtggaat tgtatgcaca agaagaaaaa aacctggaag aaaaacatac	240
taaagaggct ggagtgcatt ggcgcatct tggctaccgc aacctccgcc tcccggttc	300
aagtgattct cctgcctnag cctcccagg agctgggatt acaagcatgg gccaccacgc	360
ctggctaatt tgtattttta gtagagacgg agtttctcca tgttggtcag gctggtctcg	420
aactaccgac ctccaggtgat ccacccacct cggcctccac agtgctggga ttacaagcat	480
gaaccaccgn gcccggnctc ctgttccagt tttctataat ctggtcatat tatattctgg	540
gtatatgtgg gtggtgtgat tatccatgtg gtcttatttt cacattcttt gcattaacta	600
taatgactta atgttttaag ataagtttca tttcttcaaa agatgtatgt ncaatacctg	660
ggtatcagggt aacaatctta aaaaaactta ttcattttaa aattaacctt taaaattagc	720
cattccaatt naacattaag ganggttgng agga	754

<210> 3080

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3080

cnacnaattn acanntcact tncntctngc nctnntngca tncgattcga attcggcacg	60
aggtgaatgc tgtgcctgtg gccccacctg tgtgtgatgt cgccagaacc cagccgactc	120
cttcagagaa agctgcagga gtccctggagg gggcccttgg gccacatgtt gtcactaacc	180
tttatctcta tccaatcaaa tcctgtgctg catttgagggt gaccagggtg cctgtaggaa	240
accaagggct gctatatgac cggagctgga tggttgtgaa tcacaatgggt gtttgcctga	300
gtcagaagca ggaaccccggt ctctgcctga tccancctt catcgacttg cggcaaagga	360
tcattggtcat caaagccaaa gggatggagc ctatagagggt gcctcttgag gaaaatagtg	420
aacggactca nattcgccaa agcacggctc gtgctgacag agtaagtact tatgattgtg	480
gagaaaaaat ttcaagctgg ttgtcaacat tttttgccg tccttggtcat ttgatcaaac	540
aaagttcaaa ctctnaaagg aatgcaaaaga agaaacatgg gaaagatcaa ctttccttgg	600
tacaatgggc cacccttttc tctgtgaatg aangcncng tatctgnttg atcaacacat	660
tccagtattt ttggaacttc accgggnaac ttnaaacacc cattgatgan aatgggaaan	720
ganggaatta tttttacttg aaaggatctt naccttgctt tttcgtgccc aatatttatt	780
ancan	785

<210> 3081

<211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3081

cttatnnant	actccgtctc	taaagccttt	ntcngattcg	aattcggcac	gagggaaaca	60
gctgactgcc	actgaaagaa	tnagcagttt	taggggacta	gctcctatgg	gagataaagg	120
tcagaaatcg	tagtatctga	tgaagatatt	ttgatgagca	ggtgagaaga	aagataaaca	180
tggccagatg	gccaaggact	gggataagta	gccgtttcac	attcaattag	aattctgtgg	240
ctggaataag	atcagggaga	gcagtaggaa	gatatagtat	tctataattc	atagcttggt	300
gtgttagaga	ttaattagga	ttctgctggt	gaatcttagt	acaaaaaaat	ctaataattta	360
ttaggaatta	agggaagatg	gtacttctgt	tatgttgcct	aagcagacag	gaagctacaa	420
gaacaccagt	ctgaagcagt	gcctcaggat	ctcagatgat	ttaggaagtg	tgctgtaatg	480
tcaaaaaaaaa	aaaagtattg	tcttttagtat	atctatgtat	agtctcgtgg	gaaaagcatt	540
ggttgtggta	tcaacagata	ttctgggttc	cagatgtcct	gnaagttaac	ctgcctccca	600
tttccctttc	tgtaaagcca	aaataattgg	ttttaccacc	ctaaatctgg	cctctcaagg	660
gattnccatt	ntttaantna	aaaaattatg	gtcctantna	aagtgccaaa	aaaaaaaaann	720
nnnnnaaaaa	aaccttngga	gnccctnttt	anaacctttt	tngtggaggt	ccgnatttac	780
ccttnnnaat	ncccggaacn	ttggattaag	gt			812

<210> 3082
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3082

cactganctn	ctatccttct	tcnttgcagg	atccnatcga	ttogaattcg	gcaogagatc	60
ctgtcgggat	tccttgggtat	ctgantnaaa	taccaaatag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcata	acactaatta	caaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggctt	240
aatttggggg	tggttaactaa	aatcaaaaaga	aatgattgac	ttgaggggtc	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctggt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatngtgcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatcct	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccc	tacetaactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggnccttaag	ntccttgggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggnttt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3083
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3083

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aaggagtttt	ccaccgtct	ctcatggtca	cagcgctagt	cattcatttt	tgagaagttg	120
cttctttttac	atcagaaaac	cagtcaatca	tatggagact	tctttttgtga	tgaaaaaggg	180
ctttagaagt	taaatacatg	catgcacatg	aaaacatgca	caaccacagc	ctcaatcttg	240
tatttagttt	ggggaaagag	aagagaattt	cctgtggatt	attttttcct	caagtgcacc	300
tctctggtta	acccaaactc	tgcaagaaag	cactgtgact	aaaacataca	taacgcctgc	360
ataaatattc	catggtttca	gttaaatttc	agtttttagc	ctttacacat	gaggtcaaag	420
gagtgcagaa	aatacaaagc	aaggaaaaaa	tgaaatatct	ggtttttgct	gaatgcttaa	480
tttatttttt	actgtgccac	tccaatattt	atcaaattcca	aatagcatga	atgcttctct	540
gtagtaatac	taattttgtg	ccttttgtct	gctttcttaa	gaccagttgt	tcacactttg	600
taggatatta	gacaaatata	tttcgattga	attccacaac	taaanaaaaa	aaaaacttnn	660
agcctnttag	aacttttagg	gaggtcgnat	tacggtagat	ncanaccatg	gataaggata	720
cattggatga	attttggaca	aaccccaacn	ttggaatgcc	ntggnaaaaa	aatgcttttt	780
t						781

<210> 3084
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3084

gtntaannc	nangcettgc	catcttgcag	gatcccatcg	attcgaattc	ggcacgagag	60
aacgttctca	ggttgaccag	ctgctgtnta	tttctttaag	ggaggaagaa	cttagtaagt	120
cattgcagtg	catggataac	aatcttctgc	aagcccgctg	agcccttcag	acagcttatg	180
tggaagttca	gaggctactt	atgctcaagc	agcagataac	tatggagatg	agtgcactga	240
ggacccatag	aatacagatt	ctacagggat	tacaagaaac	atatgaacct	tctgagcacc	300
caggtttggc	atagaaatgg	tacccttgt	tcaaaatgaa	caagaagcct	tagatttgga	360
tggggaacct	gatctgtcca	gtctanaagg	attccantgg	gaaggtgttt	ccatttcctc	420
gtcccttggc	ttggcaagaa	agcgaagcct	ttctgagagc	agcgtgatca	tggacagagc	480
tccttctgtg	tatagcttct	tcagtgagga	aggtacaggc	aaanaaaatg	agccccagca	540
gatggttcac	ctagtaactc	attgagggct	tggacagagc	cagaaagcaa	cccattgcac	600
ctttaaaaca	agaagtgaca	cctnggggct	tgccctncct	tcccgaacan	gtggaaaagg	660
ggcttgaaaa	tggtgcttcc	ccaaanggcg	acntagtnca	ccaattatcc	tctgancata	720
ttaatacctt	tgatngcatt	ttggccaaaa	agacttgacc	agncaaggaa	nagggctatt	780
cccccc						787

<210> 3085
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3085

ngttaantan	atccttgac	tggcggatcc	ctcgattcga	attcggcacg	agattttaaag	60
tattagccaa	cctcttcagg	tattagcctg	aagataaatt	ttaacaaaac	atatacactt	120
gggtatccgt	cattgctcaa	actctatagt	gtattgctgg	agccaatagg	cagggtatat	180
tttattagct	aaatttgata	tttgtcttct	gccttctgta	tcacctccaa	gctataggaa	240
atcaggattt	tgttggtttt	aagaaaacac	atggtatggt	cactgtatat	taaatatacc	300
tgtatttaat	gttttctctt	aggacagaaa	agtagacaca	cacacacaca	cacacacaca	360
tgttgtgttc	agctttctgt	tttatattat	ttgccattga	gattagaata	gaacaggctc	420
tattcatgca	aactatatga	aatgaaaaac	ttttaagact	cttcattaat	tggagcttct	480
gggcaacatc	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatacag	acattttttt	540
tttaacttgn	tgattcanat	gtcttggtcc	ctgaatagtc	ctagattact	tattttgaga	600
attcattggt	aaaattacag	ggaattaaaa	taattgcctt	ttttttagan	ggtaaganat	660
gggtagaaga	ntatgcctnt	gnaaatttat	tagntattct	tgtggagaat	nccagaaaat	720
gggtatttgc	ccatgctaaa	tatganatan				750

<210> 3086

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(954)

<223> n = A,T,C or G

<400> 3086

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aattcggcac	gagctgcgct	atcagcgcaa	agaacctccc	gttagtgcca	ctgacccccc	120
ctnccccag	ccccacagct	gggtctggct	gggcactgac	caggaggaac	tgagccgcca	180
gctggaccgg	cagtcccctg	gcccgcctaa	gggggagggg	agctgcccct	gtgagagtgg	240
gggangaggg	gaggccctta	ccctggcccc	tggccctcct	gggggcacca	ccagctnctc	300
aagcacnctg	gcccgaaggg	aggctnntng	ggcggctnaa	gcgagtana	tttgtgacat	360
ttgcnccagc	cccttcagcc	cagnnacctg	aggagcctgt	aggggcccct	tgctgtgcag	420
taccatnctt	gtggcaggcg	acgaggacat	ccgntgngtg	tgtnaaggac	atggngcttg	480
aaggaccctg	angaagcttc	nnaaactaca	tngagaggat	cccngggcaa	ctttcttgac	540
nctgcaanan	acaaccttgg	tcaagcccac	ncaacttggg	gcaaacgann	nggtgngaag	600
ggtttcccaa	cttgagagcc	tttttccgtc	cttgcccctc	ggnccanttt	cgtttttngg	660
tagccttggg	ttggaattcc	caagntcccc	cttgcccttn	gngtnnctc	ncnnancaa	720
nggggacntt	tacnattttn	cnaagggcnc	nccnntntt	tgggcccctt	ggcccccnnt	780
ttgggcccct	tggggaaacc	aaatgggggt	cnnntnnaaa	ngngnaaaa	gggcctttca	840
attggccncc	ccntttaaaa	atttnaaatg	gggggaaaac	ncccttttta	tctattttnt	900
cttaaacccn	gnaanattta	aaaaccnnn	atnnaagggt	gaaaaaaaaa	cccc	954

<210> 3087

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3087

tnnccnctaa	nnttnatgcc	ttngttnttn	cntccntttt	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggtg	cattttcatg	tgaatgaaga	120

```

agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaana caagaaagt atcagatcct tgaagagaca 240
ttccaatatc tgctcctcag tggcttttcg gcctcagagg cctcagagcc tgggtgcatg 300
tggactggat atgcaggtga tgctgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttacag gaggatgaaa canaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaacctgcc ctagccatt ctatctctgt ggcttcgtgt ggtaatat ttagttgtgg 480
tgcagaagat ggtaagggtc gaatctttcg ggtgatggga gttaagtgtg aacaggaact 540
gggatttaag ggccacactt caagggtatc ccaggctctg tttctcccag aatcctattt 600
gctgctttac tgganggaat gatggggaag atcaccgttt gtggggatgc caaacagtgg 660
aagtttgaag aaaaaaccag aagaagtcac caaaaaccg taccacagg gaagaaacc 720
taaaggangg acnttgcacc aaagcagggt gggaaaatcc tnacgcctta agtnaccga 780
tgaggga 789

```

<210> 3088

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3088

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tgnttnnngt tnnntntnag ccttgctctt tgcttctgca ggatccctcg attcgaattc 60
ggcacgaggg ccaaagaggt gctacatgca ttgaaagaaa aggttacttc actacctgac 120
aaccataaaa atgcccttgc tgtaacata gatgaaattg tatttacatc aacaggagac 180
atctccattt actatgatga gaaaggaagg aagtttgta acatcctgat gtgcttttgg 240
tatctaacca gtgccaacat cccagtgaa actttaagag gagccagtgt attccagggt 300
aagttgggga atcagaatgt ggaaactaaa caacttctta gtgcaagcta tgagtttcag 360
agggagttca cacaaggagt aaagcctgac tggaccattg cacggattga acactcaaaa 420
ttattagaat aattttcttg gaaaaatcag cttatggact ttagcagttg ctgtgaaaaa 480
ctaaggaaga aaaatttttg ggtcatttga tcttcaacta atctaagtct gtgaattact 540
tttatattat ttgaaatac tccttgcagt atattggcat gatacagtaa aagcattttc 600
cacaganttg gtatcacctt cttaaaagaa gncaaaaatt taaaaaattc caatagcccc 660
gttggttggt gtcataattc ataacatttn caatgctaca tataatttta tagacttata 720
aagaaggtn tgaaaaaaaaa aaannnnnnn nnnnnnnnnn nngnnnn 767

```

<210> 3089

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3089

```

naatncttgg ctcttgttct ttntgcagga tcccatcgat tcgaattcgg caccagaaatg 60
caaagggctg cagttctcat tcaggctact ttcaggatgc acagaacata tattacattt 120
cagacttgga aacatgcttc aattctaatt cagcaacatt atcgaacata tagagctgca 180
aaattgcaaa gagaaaatta tatcagacaa tggcattctg ctgtgggttat tcaggctgca 240
tataaaggaa tgaaagcaag acaactttta agggaaaaac acaaagcttc tattgtaata 300
caaggcacct acagaatgta taggcagtat tgtttctacc aaaagcttca gtgggctaca 360
aaaatcatatc aagaaaaata tagagcaaat aaaaagaaac agaaagtatt tcaacacaat 420

```

```

gaacttaaga aagagacttg tgttcaggca ggttttcagg acatgaacat aaaaaaacag      480
attcaggaac agcaccaggc tgccattatt attcagaagc attgtaaagc ctttaaaata      540
aggaagcatt atctccacat tagagcacag tagtttctat tcaaagaaga tacagaaaac      600
taactgcagt gcgtcccaag cagttatttg tatcagtctt attacagagc ttttaagtcca      660
aagatatcaa atatgcacgg gctgcacact aatcagtctt ctatca                      706

```

<210> 3090

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3090

```

nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg      60
agccccactc ggggtatgtg aatgcccagc tggagaagga agtgcccatc ttcacaaagc      120
agcgcatgga cttcaccocct tccgagcgca ttaccagtct tgtcgtctcc agcaatcagc      180
tgtgcatgag cctgggcaag gatacactgc tccgcatgga cttgggcaag gcaaattgagc      240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc      300
atactggctc tcacctgctg attgccctga gcagcacgga ggtcctctac gtgaaccac      360
ttgagaaggc tgccctcctag gctctgctca gtcattcttg aattgccaca ctgtgaccac      420
gttgacggga gtagagtagc gctgttggcc aggaggtgtc aggtgtgagt gtattctgcc      480
agcttttcat gctgttcttc agagctgcag ttatgccaga ccatcagcct gcctcccagt      540
agaggccctt cacctggaga aagtcagaaa tctgacccaa ttcaccocct gcctctagca      600
cctcttctgt cctgtcattc ccacacacgt tctgtttcac ctcgagagag agagagagag      660
agcaccttct tttcgtctgn tcacttttgc gggctntgga atnccagctc ttctctntca      720
gaagaagcct tctcttcttc tgcctttagt gtgtncaaaa agt                      763

```

<210> 3091

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3091

```

gnntttntn ctttttntct ttcaaatnct tggctacttn ctntttctgc agggatccca      60
tcgattcgaa ttcggcacga ggaggatctg ccttotgagg aagtggatca agagctgatt      120
gaagacagtc agtgggaaga aatactgaag caaccatgcc catcgagta cagtgtctatt      180
aaagaagaag atctcgtggt ctgggttgat cctctggatg gaaccaagga atataccgaa      240
ggtcttcttg acaatgtaac agttcttatt ggaattgctt atgaaggaaa agccatagca      300
ggagttatta accagccata ttacaactat gaggcaggac cagatgctgt gttggggagg      360
acaatctggg gagtttttagg tttaggcgcc tttgggttct agctgaaaga agtcctctgt      420
gggaaaacac ttatcacacac tactcgatcc catagcaaca agttgggttac tgactgtgtt      480
gctgctatga accccgatgc tgtgctgcca gtangaagaa caangaaata agattattca      540
gctgattgaa gcaaaagcct ctgcttattg tatttgccaa gtccctgggtt gtagaantgg      600
ggatacttgg tgctccagaa gttantttta catgcttntg ggaaggcaag tttaccgat      660
ttncatgggg aatngttctt tcaantncca ccaaaggatt gttgaaagcc ttattgaact      720
tttgcaaggg anttccttgg ccacaaattt ganggaatta ttgaccttcc tttg          774

```


<210> 3092
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3092

gnnnnnnnntt nnntttcctt tttnaatnct tggctacttg nnttttctgc agggatoccca	60
tcgattcgaa ttcggcacga ggccatgtga ggacataggg agaaagcagc caccattggc	120
aagccaagag agagccctca ccaggaacga ttggaccagc accttgatct tggattttct	180
agcctccaga acttacagta cgggtggctg gcaagatggc cgaataggaa gagctccagt	240
ctacagctcc cgcagagatc aacgcagaag gaacagcagt ctacagcggtt agcagcacia	300
gagatgattt acacaatgaa gaaagtacat gcactttggg cttctgtatg cctgctgctt	360
aatcttgccc ctgcccctct taatgctgat tctgaggaag atgaagaaca cacaattatc	420
acagatacgg agttgccacc actgaaactt atgcattcat tttgtgcatt caaggcggat	480
gatggcccat gtaaagcaat catgaaaaga tttttcttca atattttcac tcgacagtgc	540
gaagaattta tatatggggg gatgtgaaag gaaatcaaga atcgattttg aaagtcttgg	600
aagagtgcaa aaaaatgtgt acaagagata atgcaaacag gattattaaa gacaacattt	660
gcaaccaagg aaaagccnag atttctgctt tttgggaaga agantcctgg atatgtcnag	720
gntatattac caggtatttt tataaccatc agaccaaac	759

<210> 3093
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3093

tctaattgctt ggctcttgnt ctttctgcag gatcccatcg attcgaattc ggcacgaggg	60
agatccagat attcttagac ctgctgtttg aacctgtgag gcatttcaag aatggagagt	120
gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagt tttccttttag	180
gtcgtcagca cggatatcta aacagccttg agatagtatt gaaaaacatt agtcattctga	240
tcagcgcata cctgccgaag attttgcaga tactgctctg tatgacagca accgtatcac	300
acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa	360
gacgtcttgg aatcaaaatg gtaactgata tctttttgga ctgggaatca tatcagttta	420
gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gcccagatc agcaggcttg	480
gatctgagag tcaatattct cctactcctc tgctgaaact gatcagtatc tggagcagaa	540
acgcaagata tttccctttg ctggctaaac agaacctggg caccagaaat gtgatatcct	600
gaccaatggt tttttgcaat tctctcagcc gaagaatctt tcttgatgcc cacagccagt	660
attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac	720
cggaaaccgg ttttggt	738

<210> 3094
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3094

tctaatgctt	ggctcttgnt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
agatccagat	attcttagac	ctgctgtttg	aacctgtgag	gcatttcaag	aatggagagt	120
gccattctgc	agtcattcaa	gcagtagaag	acttggattt	gtctaaagtt	cttccttttag	180
gtcgtcagca	cggtatctta	aacagccttg	agatagtatt	gaaaaacatt	agtcattctga	240
tcagcgcata	cctgccgaag	attttgcaga	tactgctctg	tatgacagca	accgtatcac	300
acatccttga	ccaacgagaa	aagatacagc	tgagatttat	taatccattg	aaaaatttaa	360
gacgtcttgg	aatcaaaatg	gtaactgata	tcttttttga	ctgggaatca	tatcagttta	420
gaacagaaga	aattgatgct	gtgtttcatg	gtgcagtttg	gccccagatc	agcaggcttg	480
gatctgagag	tcaatattct	cctactcctc	tgctgaaact	gatcagtatc	tggagcagaa	540
acgcaagata	tttccctttg	ctggctaaac	agaacctggg	caccagaaat	gtgatatcct	600
gaccaatggg	tttttgcaat	tctctcagcc	gaagaatctt	tcttgatgcc	cacagccagt	660
attgtaatgg	gccataagtt	ggatgacctt	tnttaacctt	tccagaattt	cgagccctac	720
cggaaaccgg	ttttggat					738

<210> 3095
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3095

ncttctaant	cttggctatt	tctaantnct	ggctactttc	aaatccttgg	gnantcgtc	60
tctctncatg	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaag	120
gtctacatgg	ngtaataaag	gtatacatgg	tgtaataaag	gatgtgggag	cacanatcca	180
taggaatttg	acagtntagg	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctatct	gaataatgan	gcttgtgggt	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctga	atgagtcac	gtncctctan	ggacagtant	360
nccaaattga	nacnnaaact	tnagaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccgc	ctnatntttt	agngattttg	aactcaatct	ttaanattct	gnaacagaan	480
gananaaagg	gtgnatatct	gngnaatgac	atncaagatc	tnactgcnc	ctnggctnct	540
anngatggnc	gaaaaaantgt	gcncccaagg	tttnncccc	ntatttaacca	ccttgcaccc	600
atgccatngt	ngaccttaca	nntggncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	cccntaccng	ntgccctctt	taantccttn	attnaaaccc	tgggggtgaa	720
aatcctgana	aatntaantt	aanaatctng	ntaccttttc	cntananaan	aactaacctc	780
nagcccn						787

<210> 3096
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3096

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gntnnnttcn nttcetttcn aatncttggc tactttcnnt ctctgnagga tcccatcgat      60
tcgaattcgg cacgagggag atccagatat tcttaggacc tgctgtttga acctgtgagg      120
catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg      180
tctaaagttc ttcctttagg tcgtcagcac ggtatcttaa acagccttga gatagtattg      240
aaaaacatta gtcattctgat cagcgcatac ctgccgaaga ttttgcana actgctctgt      300
atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt      360
aatccattga aaaattttaag acgtcttggg atcaaaatgg taactgatat ctttttggac      420
tgggaaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg      480
ccccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg      540
atcagtatct ggagcanaaaa cgcangatat ttccctttgc tggtataaca gaagccctgg      600
gcaccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt      660
tctgatgcn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaaccct      720
ttccagaatt ncgagcctac nngaaaccag gtttttc      757

```

<210> 3097

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3097

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gnttctaata cttggngnt ttcaaannct tggcnntttt cnaatgcttg gctactngat      60
ctttntgcan gatcccatcg attcgaatcg gcacgaggag ttttttgtga tattgaggca      120
ttcatacaga gctgcagtta gacgggggta cgggggctaa aagcagaaaa aaaattccat      180
ttcatcggga tggaaactgaa ggattttatt ctataaagcg gccctgggtg aatctggcaa      240
ttctttttgc caagatccct agcagaagat ttagccatgt ccttccctc acttgtgtga      300
gtggccctt ctgaatctct ccagcagcca gaggcacgtg agaagcagaa agagctggta      360
aataaagcct tgggcaagcg acttcttaga tcagaactca ccaaattggaa gcctagcagc      420
tgctccataa acctagcccc attcttcata tcaattttgt ataaatatat agaaacacac      480
acacagcctc agacttaca actgattata ctctaaaagt ttgtatgtca gttagctaaa      540
acttcagaat acattttctt cctataaaaag agttttaaat gatggttaag ttcttcaagg      600
cagntnncna anggcctatt tntncccaa agggccctct gaacnntng nccccatan      660
aaactggaac ccncntttt tgntantana ncccntggg ggaagtgncc natttnnggg      720
gggttaaaaa cccggggggg tggccaanaa aaacnacacn ttntttttcc nattccann      780
cnataangag aagg      794

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<210> 3098

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3098

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atgcttggct cttgntcttt ctgcaggatc ccacgatctc gaattcggca cgagcttcag      60
gaactagatg tatatgcaca agggattgag tttaactaa aactaggaaa tggagttttc      120
aatctatgtt cttgcctctt catactttta tttatttttt gtcactctgc cttatactgg      180
gctaacaatg agataaaaata aaaatacctt tgaatactct tttcccttct atgcatttaa      240
agccatggag gaactagacc attagctgtt gccgtcacat gcttagacac cagtttactt      300

```

```

agegtgttat gaccttcctc acccatacta ccaaatttaa atgggtcccg acttcaccct 360
ctggaaggaa gtaaaactctt ctctcccat gggttcagag cagtttttac ctgcaagcac 420
catctctgta tgtgctctta ctagattata cagttcttga gagggattgc atcttggtgt 480
ttttgtatct ccacctcacc cccagcacat agcccagctc ctgacacaaa ttaagtactt 540
aatgtgtgtt gagctaaatt gaataaagga ttattagcat tagcatattt tgtgccttgg 600
ttgtataagc tgggtgtntg ttttggtagc tttgcaaata tttatgatta tcaccccccc 660
acatactaaa ttgtttttta aagggttgnc ttttcttcag aatactaccc cangc 715

```

<210> 3099

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3099

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tnancttcaa tgcttttcca aatncttggc tctngttctt tntgcaggat cccatcgatt 60
cgaattcggc acgagcagag ctgtgatctg cccccaggta ttctgacccc caaactggct 120
ctcaaccatg tttacatgat gaaaagaaga ggtgactgtt gtatcagctc taaaggcctc 180
acttttggtg aaatgggacc taaatttgat tgcatacttg attacttgct gtcaatactg 240
aaattggcac ttcataatct taatactatt gaactttcac cataaccctg tcctataaag 300
ttgacttgca aatgaagaaa ctctatctct tcaatattat aaaatatatc caagagtcac 360
aactagttag aaaaggacag gatctaacta acaatgtgag gctgtgtctt cacaccaatt 420
caacagagta tcttgtaaat gttgagagga gangtcttta ggtcatgggg tgtctttcaa 480
taaagtgtct tagaaaacag gtgacaactg gaattgggccc cttggaggga ttgaatngga 540
tttaagccca gggcaantta aaattagggg aaaagcngaa ttccttcaag gaaccgggat 600
tttaaaaacc cagcnttgga gnaagaaaag ttggaaaaat ggagcccaag ttggntaaag 660
gaacnaattg gaatanctg ggnccattg gggatttttt taagaaaaaa gtggttttnaa 720
aaattgggaa anttgaaatt tggggnaatt naaaancctt tgggaaaaag aaattgggcc 780
ctgggggggn ccccaaggcc tttnttttng aaaaagggcc nttnggggtt ttnggccttt 840
taanaaatta aaagggtcca aaaattggnc cncnntttng aaccna 886

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<210> 3100

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3100

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tnancttcaa tgcttttcca aatncttggc tctngttctt tntgcaggat cccatcgatt 60
cgaattcggc acgagcagag ctgtgatctg cccccaggta ttctgacccc caaactggct 120
ctcaaccatg tttacatgat gaaaagaaga ggtgactgtt gtatcagctc taaaggcctc 180
acttttggtg aaatgggacc taaatttgat tgcatacttg attacttgct gtcaatactg 240
aaattggcac ttcataatct taatactatt gaactttcac cataaccctg tcctataaag 300
ttgacttgca aatgaagaaa ctctatctct tcaatattat aaaatatatc caagagtcac 360
aactagttag aaaaggacag gatctaacta acaatgtgag gctgtgtctt cacaccaatt 420
caacagagta tcttgtaaat gttgagagga gangtcttta ggtcatgggg tgtctttcaa 480
taaagtgtct tagaaaacag gtgacaactg gaattgggccc cttggaggga ttgaatngga 540
tttaagccca gggcaantta aaattagggg aaaagcngaa ttccttcaag gaaccgggat 600

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tttaaaaacc	cagcmttgga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatancttg	ggncctcattg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattgggcc	780
ctgggggggn	cccccaaggcc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3101

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3101

tnanccttnaa	ncctttcaat	tncttgctct	gnnttnagcc	gatccctcgt	tgggagacat	60
catgtcaaca	gaaatggaga	tgtgcactgg	ggaaaactgcc	ggccggggccg	ctggccccgtg	120
gacgcctggg	aggtggccaa	ggccttcatg	ccccgaggac	tagcagacaa	acaaggacct	180
gaggaatgtg	atgcagttgc	tcttttaagt	ctcatcaact	cctgcgatca	cttcgtgggtt	240
gatcgaaaaga	aagtcacaga	ggtaattaaa	tgctgtaatg	agatcatgca	ctcttcagag	300
atgaaaagtat	cttctacgtg	gcttcgagat	tttcagatga	agatccaaaa	ttttctgaat	360
gaattcaaga	acatcccaga	gattgtggca	gtatactcca	gaatagaaca	gctgttgacg	420
tctgactggg	ctgttcacat	ccccgaggaa	gatcagcgag	atgggtgtga	atgtgaaatg	480
ggaacttacc	tgagtggag	ccaagtcaat	gaaatagaaa	tgagttact	aaaggagaaa	540
cttcaagaga	tatatcttca	agcagaagaa	caagaggtgt	ttgcctgaag	agctctcaaa	600
tcgactggga	atgggtgaang	aatttctgag	aaacatgaag	gatcttagaa	atgggcttta	660
cngaagatat	gccagaaact	ngacagcctt	tgtcttcctt	caaaaactgg	attcacaagg	720
aacctgggag	acaaacnt					738

<210> 3102

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3102

gnnttctaattg	ctttttccaaa	tacntgctct	tggtcttttt	gcaggatccc	atcgatttga	60
attcggcacg	agatttttgc	ggacactcag	acacaattta	gagtatttat	atataacttg	120
aaaacagtaa	cattttccaaa	aaccgatgaa	ccccaccctg	tcccaaggaa	tgatttggat	180
gtatgtgaag	ttcattttct	gacaaaaata	attacgttcc	acttaggatg	cacaacctatg	240
ctgtcctgta	gagaagtcac	aagttttgtg	agaattttta	aactgatgat	gtttatttcc	300
atggtaacat	gagtatacat	tttaccttct	attgtagtga	tgaatcacia	ttagtctttt	360
tttatagggt	ggtggaaaag	taattgctgt	tttgccattg	cttttaattg	caaccacaac	420
tacttttgca	ccaacctaat	atttattaag	actttacttt	tttgagacca	atctctgaaa	480
ttgggattca	tgttgagagt	ctctaaggtc	cctgataatt	tgctgcattt	gttgntgntt	540
tttgagagaat	atctcatcac	tactcaaag	atggctctct	ggtctgggtg	aagcttcgta	600
agctttgaaa	gccagataac	cagggtttca	gacaagtcta	gagccangtc	aggatatcaa	660
taagaccac	aggatgtagg	gcttgctgct	tanggagaca	tttagcttat	cttcccggca	720
aaaaaggctt	gtncctccc					738

<210> 3103
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3103
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 cgagcccaaaa tccaggagaa aatgcagctg tataatatta ctttacctcc actatgctgt 180
 tgtggtcctg atttttggga tgctcatcct gatacctgtg ccaacaactg tattttctat 240
 aaaaaccaca gagcatatac tcgggcacta cattcattca tcaattcctg tgatgtccct 300
 gggggtaatt caactcttcg agtcgcaatt cataattttg cttctgcaca caggcggact 360
 ttgaaaaatc tataataaga atctgaaatt aactggtagt attttggtt ttacttaaaa 420
 tcatccctga gagagtattt aagaaaagct gttcaagtta taaaatatat aatctggaaa 480
 gaaatactgt ctcatataat aattagattg taatcattgn tttaattctt gtctgggaac 540
 caagattgaa agctgactta cttctctctt ctgncttctg aaccatacgg agcctattat 600
 tttaaaatat gatcagacaa gtaaggcttc tcttactttg ctctgctctg atcagaagag 660
 ctcatgtgaa gtctttgaga ttctcttaat tatcatcttc tnaaactggg ttttgagctt 720
 gacagtncctg aaaaagt 737

<210> 3104
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3104
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 tcgaattcgg cagcaggagag atccagatat tcttaggacc tgctgtttga acctgtgagg 120
 cttttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg 180
 tctaaagtgc ttcttttagg tgcgcagcac ggtatcttaa acagccttga gatagtattg 240
 aaaaacatta gtcattctgat cagcgcatac ctgccaaga ttttgcanat actgctctgt 300
 atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt 360
 aatccattga aaaatttaag acgtcttggg atcaaaatgg taactgatat ctttttggac 420
 tgggaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg 480
 cccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg 540
 atcagtatct ggagcnaaaa cgcangatat ttccctttgc tggctaaaca gaagccctgg 600
 gcacccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt 660
 tctgatgccc acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaaccct 720
 ttccagaatt ncgagcctac nngaaccag gtttttc 757

<210> 3105
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3105
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 gatgtcgga ttcggcacga gangtgtncc nactgtgccc tctgctngnc nctgctccna 120
 actntaacnc anttgcnttt ggtgnacang tcacctgcgt gtttaaaatn tccttttgta 180
 atgtatcgng aatgtgccga gaacatatga aantggntgn caatgganat ggaangggct 240
 ttattctcac ttaanagagc cctgggagga ataaggtttt atctggatca ggtatccaat 300
 tgcattggat aaacgtggcc tgaggcatga taaaatntna naacacaata ataagcctcc 360
 tggngacatc tctgnncctt ttatagtccc tcanctggct tgtttgcang gtgcangatg 420
 ggtgaccacc tgacgtgctt atgtggtcag taagttatct gaatanggtc tntctanacc 480
 ccctagaatt tgtggagctn ggttgcacat taggaaatgc aagctgtgct gnggttcaca 540
 agctaggaga ggagaatggg ttggatgtgc acctggctct gcaggaagcc catcttaggt 600
 tannnctga aggataaaga anctggccac tgggaatggtt gggaaaaggg tntnnganct 660
 tcccatgccc aaccttggnc ctttttnggg tatnatngtg cccngncctt gaacngcttt 720
 tttaantctg acaaanatac aggganttt 749

<210> 3106
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3106
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 ncgattgagg antaaagggtc atngatgggtc agaantctgan tgacgttngg aatccacccc 120
 gtttattgta gaactggggg ttcagagggc aggtgcctca gagttgaggc cacacagtga 180
 ggtctggttg gtgaaaggac ccaggaacga ggcgttcang aaagcagggt gtcagagcta 240
 tgtggagtct gtgggtggca ngggcagccg ctccagcctt tgaagacttt gaaagccaca 300
 gattcctggc gcaggcttgg acttntctgg agctcctcca agtaccann ggcattcanan 360
 ctgcctgggt gttacatggc ccanngaacc catgttcang gtaggacatg catnaccaga 420
 taccaatgt gcanagtga nactctgggc tccctgttaa acgatgaaga attcangaca 480
 gtgacagcat tacntnacc ctggggacaa gaggtcagcc taagggtgaca cacggttgac 540
 tactgtgctt cggaggctcc ctgtgtcctg gnnagaagaaa agcattnnag ggggcagctg 600
 gaccangctc ccaactgcag aagttccagc cctggcttgg gcaagggccc cggnccttgg 660
 actcactnatt nctgatatg ccttaagnaa ttcattctgg tttgnacaat ttnttttttt 720
 aaaaan 726

<210> 3107
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(907)
 <223> n = A,T,C or G

<400> 3107
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gcagctgaaa gangatctgt ccagcntcat cctcctatca gaggaggacc tccagatgct      120
tggtgacgct ccctgctcag acctggctca ggaactacgt canagttgtg ccaccgtcca      180
gcggctgcag nacacactnc aacagggtgt tgaccaaana naggaantgc gtcagtccea      240
gcagctcctg cagctgtacc tccaggcttt gganaaagag ggcaatnctc tngtcaaagc      300
angaagagtc caaagctgcc tttggtgagg aggnnggatgc antagacacn gggnatcagc      360
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agaagcaggg tncanaagct gtngcttata taatacaggn attncggagt tgggttacct      480
aaaggnanna cccccaaaan cacttgnctt gtatggncct ggaacctggg gacantnaaa      540
gaatnaccgg gacacctggg tcanagnaan gcccttgtna gtcagtttan ccttnggnan      600
cttgcnnact ntgccaatta aannaacnnc cnataancct ttggcaannt tcntcccttt      660
ccngntaagg ncaatatattt nanaccanag gcccaaaggg ncccccttca acccaaancc      720
tttgggggtg gaaccncttg ggcaanaaaa aatnccccct taaagtccng atntgncccc      780
aaggnaaccg ggggaattct ccccananta tttngtccnn tacnnannat ctngnggttaa      840
actntgnacg ccccanaagg ggaaaantct tctnttttgn gggctccnaa nttntatggg      900
ttaannn

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<210> 3108

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3108

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tcttnnntng gctattngat ctctntgcag gatccctcga ttcggaagac accagtgggtg      60
gaatcgagtg tttggccaca gttcgggacc tatggtagaa aaatactcag tagctaccca      120
gattgtaatg ggtggcggtta ctggctgggtg tgcaggattt ctgttccaga aagttggaaa      180
acttgcagca actgcagtag gtgggtggctt tcttcttctt cagattgcta gtcatagtgg      240
ctatgtgcag attgactgga agagagttga aaaagatgta aataaagcaa aaagacagat      300
taagaaacga gcgaacaaag cagcacctga aatcaacaat ttaattgaag aagcaacaga      360
atztatcaag cagaacattg tgatatccag tggatttgtg ggaggctttt tgctcggact      420
tgcattctaa ggacatgaat attctcccat aacggattca actatgagaa gagaagtggc      480
agcaataagg cagtctctca aaagtcatac tgccagagtc tctagggcaa ggagaaacaa      540
ctagctggac aataactcaat tcacaactta gcattttgcc atctgaagct tggcaaaacta      600
gtatctgctg taaaacaacc tatatggtat gtgaaccgta gtattcctga gcaaaacgtg      660
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715

<210> 3109

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3109

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tcttnnntng gctattngat ctctntgcag gatccctcga ttcggaagac accagtgggtg      60
gaatcgagtg tttggccaca gttcgggacc tatggtagaa aaatactcag tagctaccca      120
gattgtaatg ggtggcggtta ctggctgggtg tgcaggattt ctgttccaga aagttggaaa      180
acttgcagca actgcagtag gtgggtggctt tcttcttctt cagattgcta gtcatagtgg      240
ctatgtgcag attgactgga agagagttga aaaagatgta aataaagcaa aaagacagat      300

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300

taagaaacga	gcgaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggattttgtg	ggaggctttt	tgctcggact	420
tgcatcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aataactcaat	tcacaactta	gcattttgcc	atctgaagct	tggtcaaacta	600
gtatctgctg	taaaacaacc	tatatgggtat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3110

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 3110

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aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcctgctttt	ccacacacca	180
gaacaattcc	ttgctgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	240
tgctagccac	tctctcctg	taaacagggc	cttaacgcca	gctgctactc	taagtgtgtg	300
tcagaattta	gtgggtgaag	gactgcgatg	tgtagttttg	ccagaagatc	tttgccacaa	360
attnctgcaa	ctggcanaan	ctaatacagt	gagaggaata	gaaacctgtg	gaatactctg	420
tggaaaactg	acacataatg	aatttactat	tacccatgta	attgtgccaa	agcagtctgc	480
gggaccagac	tattgtgaca	tgganaatgt	tnaggaatta	ttcaatgttc	aggatcaaca	540
tgatctcctc	acttctaggg	atggatccat	acacatccta	ctcaaactgc	atttttatcc	600
anccgttgat	ctttacactc	actgnncctt	atcaacttat	gttgccaaga	agccnattgg	660
ccatttnttg	gctcaccaaa	agcntaaaaga	cactggcctt	cttangetta	ccaatgcttg	720
gnttgcttgn						730

<210> 3111

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3111

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tctctncatg	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaaag	120
gtctacatgg	ngtaataaaag	gtatacatgg	tgtaataaaag	gatgtggggag	cacanatcca	180
taggaatttg	acagtntagg	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctattt	gaataatgan	gcttgtgggtg	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctgga	atgagtcac	gtncctctan	ggacagtant	360
nccaaattga	nacnnaaact	tnagaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccagc	ctnatntttt	agngattttg	aactcaatct	ttaanatect	gnaacagaan	480
gananaaagg	gtgnatatct	gngnaatgac	atncaagatc	tnactgcnet	ctnggctnct	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnnccct	ntattttacca	ccttgcatcc	600
atgccatngt	ngaccttaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	ccentaceng	ntgcctctct	taanteectn	attnaaaccc	tgggggtgaa	720

aatcctgana aatntaantt aanaatctng ntaccttttc cntananaan aactaacctc 780
nagcccn 787

<210> 3112
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 3112
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ttcgaattcg gcacgagatt tgtaccaact gtaccatctg cttgttnctg ctccaaactt 120
ttaccactt gcttttggtta aagagggtcac ctgcgtattt aaaatatcct tttgtaatgn 180
atttgggaaa gtgccaagaa cntntnnaaa tgggtggnaa ttgaaattga aagggcnttt 240
aattttcntt aanaaanacc ctnggaggng anataagggt tttatctggn atcagggtnt 300
ccaatggcat tgntatanac gtggcnctgg ggcagggata aaatttaaaa aacncaatan 360
taagcctcct ggtgacatct ctgccctttt atagtccctn atctggcttg tttgcagggn 420
gcaagatggg tnaccacctg acgtnccttat gtggtcanna tgttatcaaa aggggntttt 480
ctctangacc ccctanaatt tgtggagctg gggtgtatca taggaaaatg caagctgtgc 540
tggtgtacac agctagagag ganaatgggt tggatgmnca cctgctntgc angangcna 600
tctcagttat tgctgangat aaaaagctng ccttggaaatg gaanggaaag gctnnangaa 660
cttcccatgc nacctggccc tttttgggta tggncggtgn ccaaaacctg ancttgtnt 720
taccncngac aaaggngggn ggtttt 746

<210> 3113
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 3113
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gcacgagggtc tagtataatc ttgatgtcga aaccagataa ggacaatata agaaaggaag 120
agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcatacata 180
atctttttaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
aagagaaata tatgagaatg ataagactgc aattgaaagt agaggctttc tctggaggga 300
aagggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
tttatTTTTT aagctgaatg atagggtacgt agatgttcat tgtgttcttt ttgccttttt 420
gtatatctta aatatatggt agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
atgtcacttt caaatgctgt atttttgggt gagttgctta aacacattcc ccttgggnatc 540
tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
actgnatatg ccatttttcat gaaatgggtt tgtcaaagggt gcttnttagg aaaaaaaaag 660
atcgtttaac tctttttgca ttttaagtga aaataagggt ggctttngga aatagtttca 720
acccttgctt aaccagtttt ttttttcatg cttnn 755

<210> 3114
<211> 749
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3114

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actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcgng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggtatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncctt	ttatagtccc	tcantgggct	tgtttgcan	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	ggngttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaatggtt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	ctttttnggg	tatnatngtg	cccngncctt	gaacngcttt	720
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<210> 3115

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3115

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ttatgaaatt	cagataat	gtgagaggct	ggcatggatc	taaggattta	ttatttttat	180
tctagtccat	cagttcagtc	gcagttttta	tactaggact	ttaggatgta	cataaatgtg	240
tgactgtttg	tcttgattaa	aagtgcactt	tggcctgggc	atgggtggctc	atgcctataa	300
tcccagcact	ttgggaggcc	aaggcgggtg	gctcacttga	ggctaggagt	tcaagactag	360
cgtggccaac	atgaggaaac	cctgtctcta	ctaaaaatac	aaaaattagc	tgggtgtgtt	420
ggtgcatgct	tataatccca	gctacttggg	aggctgaggc	aggagaatcg	cttgaaccca	480
ggagggtggag	gtttgcagt	agcccagat	tatgccactg	tactccancc	gtgggtgaca	540
gaatgagact	ctgtctcaaa	ttaaaaaaa	taaaaaaata	attttttttt	tttaaaagta	600
cccctttgnt	ggctggggca	cggcgactna	cgctgtaat	nccagcacat	tggggaggcc	660
aaggcagggc	agatcaccaa	ggttagggag	ttccanacca	gccttggcca	acatgggnga	720
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<210> 3116

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3116

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gggatcccat	cgattcgaat	tcggcacgag	acaaggtgct	ggcagtgaag	tgggggcaga	120
ctgagcctgt	gtagtgaagt	gtcttgagga	acgtcagctg	tatcttttag	gaaacaaaaa	180
ctgcatagac	attgaaccca	ggcagaaggt	catgaagtca	gagctaagaa	atgctagtgg	240
ggataggggg	tgagatagag	ttgggaaatg	tttcagagct	acaggtgaca	gttggttggtg	300
tccagttgga	tatgtaccat	gaagggaaga	agcagtcaga	gtgggcacca	agctttctag	360
cctggaggac	tgaatgggtc	tgtgcacatt	tcagatggaa	agaatagagg	cccacagaaa	420
gttaatgaga	tgcattttat	acataccagt	tttgaatttt	aaggacctgt	ggggtagata	480
tccaagatgg	ctattcccag	taatttgtat	ttatatcttg	ctacatcgca	gaaaggattt	540
gaagcttgct	aacacacata	agatataaga	attaaaaatag	gctggacctt	gggaacctca	600
cacctgtaat	nccagcattt	ttgggggaagg	ccnaagccgg	gttggatcac	tttgaaggctc	660
aagaantttc	cagaccaccc	tggccaacat	tggtnaaaac	ccccattcct	tattaaaaac	720
ttccaaaaat	tancaaaggt	gtggtggtnc	cttnccnta	atcca		765

<210> 3117

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 3117

gcttcaatgc	ttttcatttc	aaatncttgg	ctctttcaaa	tccttggnac	ncgatcnctt	60
tgcaggancc	cancagcnnn	nntgcggaac	nggcttaacc	agttcgggac	ttacagnang	120
ctaccaatgg	nnnntggccc	nncgangata	nggatctgcg	ccacatggag	gttttgggnc	180
gggancttna	acgtacctg	cnacnnaht	tggntggntt	ccntgttnac	nannttgtnc	240
ttntgccaan	gggcactcan	tnatgcctat	actatnnngc	nnacancata	acgnnnnnct	300
cncnnnatgn	cttnacatt	nencaatcat	tntgcntaca	gtatnatgca	tgatangcaa	360
gtagtcactg	cntagtgaga	tanggacngg	atctnccnta	caatgtnang	ctgaanntnn	420
acacnnatgc	nacanactan	cntggnaatg	ggtataggac	angtnnnnta	gntcatgnnt	480
gactatgnan	nagtgcnnnt	gngannatgn	gatanntgan	cnnnncttga	agnntnaatg	540
gatgnatcca	gcnnatngna	atnngnnaa	cctcntacta	caagactgan	ataaatgnan	600
ttttgacgat	aatgctnaat	aatgnatcta	anatgnaant	taccatgttg	gnaaacttgg	660
gcccattgnc	anaatttnan	aaaagggttt	ggaaaattgg	aaatggattg	ngtagcaatt	720
aaagcttttn	tacccttang	ngcccnntga	cctcncnngg	gnattganat	naantgnntt	780
ccggaatttg	gcctctgant	attttngctt	ataaatccnn	nttgncgacn		830

<210> 3118

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3118

tttcaaantg	cttggctact	ngttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcctggac	cgctcattcg	gactcgtcgg	gcagagcttt	tgtgctgnct	tgcaccagga	120
actcagagaa	tactatcgat	tgtctctctg	tttacattct	cagctacaac	tagaggatga	180
ccaggggtgtg	aatttgggac	ttgagagtag	tttaacactt	cggcgccctcc	tggtttggac	240

ctatgatccc	aaaatacgac	tgaagaccct	tgcggecccta	gtggaaccact	gccaaggaag	300
gaaaggaggt	gagctggcct	cagctgtcca	cgcctacaca	aaaacaggag	acccgtacat	360
gcggtctctg	gtgcagcaca	tcctcagcct	cgtgtctcat	cctgttttga	gcttccctgta	420
ccgctggata	tatgatgggg	agcttgagga	cacttaccac	gaattttttg	tagcattcag	480
atccaacagt	taaaacagat	cgactgtggc	accgacaagt	atactttgag	gaaaatcgat	540
gattncttcg	tttatgaacg	atggatcaag	tctangaaag	gtcccttttga	taggaaaatc	600
aattaaattt	cttgcccaag	gtttggccat	gatcagactt	cccacnttca	aaaganggat	660
nagcttggtg	aaccaanttc	ttgcagangt	caccccaagg	aatgcttgna	anacctnttt	720
cccananctt	tggnaaat					738

<210> 3119

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3119

gnttctaattg	cttgggngnt	ttcaaannct	tggcnnnttt	cnaatgcttg	gctactngat	60
ctttntgcan	gateccatcg	attcgaatcg	gcacgaggag	ttttttgtga	tattgaggca	120
ttcatacaga	gctgcagtta	gacgggggta	cgggggctaa	aagcagaaaa	aaaattccat	180
ttcatcgga	tggaactgaa	ggattttatt	ctataaagcg	gccctgggtg	aatctggcaa	240
ttctttttgc	caagatccct	agcagaagat	ttagccatgt	ccttcccttc	acttgtgtga	300
gtggccccctt	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420
tgctccataa	acctagcccc	attcttcata	tcaattttgt	ataaatatat	agaaacacac	480
acacagcctc	agacttacaa	actgattata	ctctaaaagt	ttgtatgtca	gttagctaaa	540
acttcagaat	acatttttctt	cctataaaag	agtttttaaat	gatggttaag	ttcttcaagg	600
cagntncnca	anggcctatt	tntnccccaa	agggccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	nccccntggg	ggaagtgncc	nattttnnggg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattccann	780
cnataangag	aagg					794

<210> 3120

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3120

nttntnncct	tnnnccanac	tnaacncttt	gcacttnctc	tttntgcagg	atcccatcg	60
ttcgaattcg	gcacgagatt	tgtaccaact	gtaccatctg	cttgtnctg	ctccaaaactt	120
ttaccacatt	gcttttggtg	aagaggtcac	ctgcgtattt	aaaataatcct	tttgtaatgn	180
atttgggaaa	gtgccaagaa	cntntnnaaa	tgggtggnaa	ttgaaattga	aagggcnntt	240
aattttcmtt	aanaaanacc	ctnggaggng	anataaggg	tttatctggg	atcagggtn	300
ccaatggcat	tgntatanac	gtggcnctgg	ggcaggggata	aaatttataaa	aacncaatan	360
taagcctcct	ggtgacatct	ctgccctttt	atagtcctctn	atctggcttg	tttgaggggn	420
gcaagatggg	tnaccacctg	acgtncctat	gtgggtcanna	tggtatcaaa	aggggntttt	480
ctctangacc	ccctanaatt	tgtggagctg	ggttgatca	taggaaaatg	caagctgtgc	540

tggtgtacac agctagagag ganaatgggt	tggtatgnnca cctgctntgc angangccna	600
tctcagttat tgctgangat aaaaagctng	ccttggaatg gaanggaaag gctnnangaa	660
cttcccatgc nacctggccc tttttgggta	tggnccggtgn ccaaaacctg ancttgttnt	720
taccccngac aaaggngggg ggtttt		746

<210> 3121
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3121		
gccccctttca	ttcaaactct	60
tgatgagcct	tattaactat	120
ttgaaatfff	ttaatctagt	180
ttcagaagg	cttcgcctaa	240
taagttcaaa	tatagatgag	300
aagaagcaaa	atcaactgct	360
gagagaaagt	gtgaaaaagc	420
gtctggttat	tctgtaaatt	480
atatcttcta	atnggtatca	540
tgtggcattt	aataatggaa	600
ttggggaagc	ttaaactctg	660
acctaactga	gttgggaatg	720
tagccaagcc	cacntccgat	773

<210> 3122
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3122		
nctctttgac	ctcnnttggc	60
ggtagaaaat	gaaataatta	120
gtttgtttgt	ttttgagacg	180
atcttggcgc	actgcaacct	240
tgagtagctg	gggctacaga	300
gagaggggat	ttcgccatgt	360
cccaccttgg	cctctcaaag	420
ggagtgtttt	gagaatggct	480
attaacatct	cagagatctc	540
caatggcatg	agtataggaa	600
tcataaagaa	gaacaacatg	660
acataaggca	anaagctttt	720
ggncctttng	aactntaggn	775

<210> 3123

<211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3123

nctctttgac	ctcnnntggc	tactngttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaataatta	aatagatacc	atttgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atTTTTtagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	cagggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntncntnn	nnannntaat	aaaaaactnn	720
ggncctttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3124
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3124

tcccnagant	ccatncgttt	ggcnaactcgt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagt	gttctttag	tgtttggtgc	tattgttaga	aagattatta	gtgatatgtg	120
gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggtttaccat	gcattgcaat	tgttagcata	tacagccctt	ggtattttta	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
atttggtatg	ctcttttgca	aagtnatcc	tggtgctatt	gtgtttgcta	tattancagc	360
aatgtcaata	caagggttcag	caaactctgca	aaccacgtgg	aatattgtag	gggaagttca	420
gcaatttgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgtttgcnng	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccatg	540
tgaatcatcc	acattatgaa	gacgcagtgt	tganaagccn	aacaaaaaat	angttttact	600
naaatgtata	ngtacgggaa	aggcacnccg	anggaaagt	aaaacgagga	actngattaa	660
agttnaaaag	gtggaactta	ttancattnc	ctatanaant	agttcatggg	tgtgntaaan	720
aaaggatccn	aagcccttgg	tttgcangtt	tgccctggaa	antttggggg	atgttnggaa	780
gaanacctng	cccaaattgg	ctggggcaca	aacnttcctt			820

<210> 3125
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 3125

ntcctctnntt	gccttcgnntt	ggcnacttgn	tcttttttgca	ggatcccatc	gattcgggttg	60
agcaatatga	atataatgcc	aagtactgat	aaaatacggg	attcatttag	aatcaacata	120
ggtagacaga	ctgttttttag	taagggtttg	ttttttggtg	aataccatgt	ttgggctgtc	180
agacttactt	ttcccttgag	atccatattt	tgtacatgac	ataccagata	tatgcaatat	240
gaaacggaaa	cagttttttca	atctaataatc	caggagtgtg	tgtaaatatc	ttgtgaactt	300
gtggctcttg	gtatctggca	ttgataaggc	tgtctactaa	tcctagagaa	aggggaagtag	360
actccgtttt	aaagtctagt	ccagtcttat	tcttttagttc	atagaaatgg	tctaagttaa	420
tgatagactc	cgcacttatg	ttcagaaagc	atcatcatta	cagctttgtt	gaagggactt	480
ctgagtaang	attatgtttg	cgtctcctgt	tgggtggaagg	cccatgaagc	gtaatttcct	540
ntcaccatg	ggcttcttta	ttattgntga	gtttttcata	ctcanggatg	tgaattcaac	600
cttgggtgtt	ccagttcaga	gaaaatattt	catgaaagga	tgaagtgttg	gttcaattct	660
aggaccagna	ttgagtggca	ttatattcca	gangtcctta	tgggaaatgc	tgggatttat	720
tgagtnggtt	tnncaggnc	ttttcgnccc	ntttgccttg	ggactaacta	anacan	776

<210> 3126

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 3126

gcctccttct	ttcaaaaacnc	ttggctactn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggccacacgg	gcgcacatcat	ncctgcaatc	tggttcctgt	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgtt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgcgggcat	nctggactca	tgcattctca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacacccagc	300
ctaattggccg	angaccctgg	gcacgcgccag	ccttgccctc	agtgcctgt	ntnctttggc	360
cctcaatctg	gncccaaate	tggctgtgtc	ccaaagggtg	tgtgggaagt	gggggggaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccccttn	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcacagg	atcttggggg	acccctccta	aggagaagct	tgcagtctct	600
tcntaaggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattagggt	nggacaccat	ttaaatgaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttggggggt	780
tttaagcctt	ttgggggaccc	aggnttggcn	nnt			813

<210> 3127

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 3127


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gnnttnnnnn nttttcaant nnnnggctctg ntcttttgca ggatccctcg attcgaattc      60
ggcacgagcc tagtcccaga gtcctggagc ggcatactgg ggggtggctgt gcagtcccag      120
catccccaac ccagcatgta tagagagcat ccatccttac atccagctga cccatgcccc      180
tgctcctccc tgtggctgga ggttcaacaa taacataagt ctcttctttg ccctccagat      240
atctctccct cgagtggctg ggaaacttgg caagagacca gaggacccaa atgcagaccc      300
ttcaagttag gccaaaggcaa tggctgtgcc ctatcttctg agaagaaagt tcagtaattc      360
cctgaaaagt caaggtaaag atgatgattc ttttgatcgg aaatcagtggt acccgaggct      420
cgctgacaca gagaaacccc aacgcgagga aaggaatggc cagccacacc ttcgcgaaac      480
ctgtgggtggc ccaccagtcc taacgggaca ggacagagag acagagcagc cctgcactgg      540
tttcccttca ccacagccat cctgtccctt cattggctct gggctttcca ctatacacag      600
tcaccgtcca atgagaaaca agaaggagca ccttcacat ngactccaac tgcaagttgg      660
acagcgacat tcaatcctgn actgggttaac tgggggttact ggatgactcc tggttgcccc      720
ccatnctttt tgactggga                                     739

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<210> 3128

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3128

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ntgcttctct tncnnaaccc tttggnaact ncctctttnt gcaggatccc atcgattcga      60
aaatatTTTta gtataagcaa ttggctgtga tgctcaaatt tattgcatcc tottattgaa      120
tttgccaatt tgtaattttt gcataataaa gaaccaaagg tgtaatgttt tgttgagagg      180
tggtttaggg attttggccc taaccaatac attgaatgta tgatgactat ttgggaggac      240
acatttatgt acccagaggc cccactaat aagtgggtact atgggttactt ccttgtgtac      300
atctctctta aaagtgtat tatactgttt tgtatgagaa acccagtaac caataaaatg      360
accgcatatt cctgactaaa cgtagtaagg aaaatgcaca ctttgTTTTt acttttccgt      420
ttcattctaa aggtagttaa gatgaaattt atatgaaagc atttttatca caaaataaaa      480
aaggtttgcc aagctcagtg gtgttgnatt ttttattttc caatactgca tccatggcct      540
ggcagtgTTa cctcatgatg tcataatntg ctgagagaag caaattttct ttcttttctg      600
aatccacaa agcctagcac caaacttctt tttttcttcc ttttaattaag atcataaata      660
aatgatcct gggggaaaaa ngcatctgtc aaaatagggg aaacattccc aaaactggag      720
ccactcttct tgtgcaccta anccatagct tggtgaccaa acaagatngg ttgcttcaag      780
gn                                     782

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<210> 3129

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 3129

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acnnnacnnn gnaagnnacn ngaananng naanngacna anngnanagn gnaananaag      60
gngggggnga gaccnccagn ngngnccan naaccccntg ggnaaanngc cnananngca      120
ggaaccanc gnangnaaan nnggnannga ggcagagnac ccgcaggaan cnnnaacann      180
gannacaggc aggaaacnna caaaaaggag gannngngaaa acaaanacan acagngaggc      240
caaagnaaaa aacatcagna nncgcnnana cagnncangn annccaagga anaanaaggg      300

```

aagganaaac	aagngngnna	aaagaacaaa	ggagngaang	ccananangc	nnagcnaann	360
naaacaanaa	cggggganaa	ggcganaanc	nacngnanna	nngcaannag	aangaannan	420
acgnnnagacg	gcgannagna	nggacagcgn	agannnnann	nnnnnaggan	nnnagnacan	480
agnnnacgan	cggcacanan	ggcgganana	gnngancac	angacacaan	acanacacga	540
ncaggcnng	annanacacg	gaagcaaagn	agaagngcag	aaagananna	gaancancnc	600
cgagaggcan	agncacagna	gnnanngcan	agnncnanna	gnanagnaan	agcgacagag	660
nnncgaagcn	gagnaacaca	caangaaanc	agannacgag	nagacggang	aaagggaaga	720
caaagagaga	ggngangaaan	gaaagaaaca	gagagngcag	aagacncnng	agagaagaga	780
gacagnagna	ngagancncg	cnnacngana	nganaagaca	nagaaanaga	gngcgngagag	840
acnanaggga	gcgaacgcag	anangagaan	agacngaana	aagaggagca	aannnnaggn	900
ngaannncac	gaggacagan	cncaacaagn	ncnnaggcan	acgaaaanan	acaggacgag	960
gangnnacan	agcgcganna	gncncanngn	agcgcgaaacg	aggannanag	agaacagcga	1020
nagagannng	aagggcagac	anaggnaaaa	ggggganaca	cacgagangc	gacacaggan	1080
aannngcaggg	acggacnggg	nggggagaga	aaacngngcga	ncnggnaagg	agaagnanna	1140
aggagaggan	nagacgacgc	nagananang	nagnanngaa	agcacannga	cggaaacangn	1200
ngcacgagca	ggcanacnaa	anaaganggn	angaagggaan	agannncaag	ngangaaacn	1260
gaaagaggna	aagncncgan	gagngnacca	gacgcagaan	nngnagcaca	agagaacnga	1320
gagagancga	naggagaagg	gagnganaga	naagaagaaa	agcgggnaac	aaaaaacang	1380
ncncccnag	acaaagnggg	nggcgng				1407

<210> 3130

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (876)

<223> n = A,T,C or G

<400> 3130

gtcccccttc	nntnaatccc	tttgggtctt	tctgcaggat	ccctcgattc	gaattcggca	60
cgagatacaa	atactacgtt	ggacgcaagg	ctatgtttga	cagcgatttt	aagcaagatg	120
ctggttatgt	tgacatagga	aatggagatt	aggacaacat	ttagttcagc	gactgacttc	180
atgacctaca	catnccgcat	ggagatgact	tagaagcagg	ggatatgccc	ttggacctgg	240
tgtcaaagct	ctcgtttaaa	cagcctcgtg	cagtgtgtcg	ctaccacaag	agctcctggt	300
taaacagcct	cgcacggcgt	gtcgcttgcc	acacctgaca	ctattggatt	agtttaacgtt	360
gctgangagt	acctgtcatt	tgcctttgag	cattgtcacc	cgtnttaggt	ccgaannaac	420
caaaatgggt	tggatnctng	gacccttntt	tggctttccn	gtnaaaaaat	ggcttttttg	480
ggntcanaat	tgcccnctt	gggggggng	ctttncntga	aaaaaagggt	tntnccctnn	540
gntgccnaan	tttttgccg	gaaantttac	cccnannccc	ttttaaaccc	aangggcnaa	600
acctnnnttg	nttgntttca	aacaaaggcc	cctttggnaa	aaaccccggn	nggnctttt	660
tttaaattn	cttggngnga	nnttttcctc	antccnngga	aaaaccttta	aaantnnttc	720
cccttanang	gaaccctttt	nnaaaaaaaa	gnggttttcc	tttaccngaa	anccccnccg	780
attttttttg	gnatnnttna	tagggttccc	tnnaaattcn	ancccgntnn	nntgcccntt	840
naantnnaat	canntttaac	nttnncnnnn	naatcc			876

<210> 3131

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3131

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nnnnnggggnnn nnnnnnnnnnn nnnngggggggg ggggggnngga nngnggnngn ngnnnnngnng      60
nnngnnannnn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt      120
tggggngaaa aanngcccn aggccnaggg gaatnccnc aanncgggna annngcgggn      180
aaaannncgg ggcnnacgga gggggngana gaagnnngnn aaggggagnn gggnggcngc      240
gggnnnaggc gatagggaaa agngaanga gngcnnngg gggganngag ggnnnggang      300
accggangng anggagcgng ngcagnggga nnnacggagn ggggcangnn gancgangaa      360
ggcgngnga ggaaanaaaa ccngggagan ggnngctgna gnaannnggn nnaggatggg      420
aggaaaaanc atanaaaana ggngccngna ggagagaatn gnccccngng gangggngng      480
gnacggggna angnnnangn nagngngggg nngaagcggg ggaannnagn gggnaagnng      540
gnnngngagg gggngcgng gagagngng gngngngggg agganaangn ncngganccn      600
gagnggggga ggaagagng ngggganngn nnggangang nggnngngng ganngggng      660
anaggngnnn nngggngnna tcaggcnggg gagaggangg aagcnggcgg nncngggnga      720
ngagcaggcn gngaggnnnc nngnagagcg agngnnngc nancggnnna gagnggagtc      780
nnagngngga ngngcgagn nnagngcnnn gagngnang ngngagngg ngnnnnnnag      840
ngngcnangn ncnnngngng nngcntgngc nngngggaag gangngngn ngaggnaag      900
nnagngngng gngagngcg ngngggcg acagncgggg nggnngagn nganangnag      960
ngngggngng angagngcg ngantgncg anggcgngn cgggggagag nagannngng      1020
ggnggagng ngcngnnan gngnggacgg aggagngngn nnagngggg aggnngancg      1080
angngnnan acggcgnggn gnggangngn gacngagng gagggngag gagagnggan      1140
ggggggngn gcnnngnagg ggnagngcg agnagncnac angangggga gngcg      1195

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<210> 3132

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1195)

<223> n = A,T,C or G

<400> 3132

```

nnnnnggggnnn nnnnnnnnnnn nnnngggggggg ggggggnngga nngnggnngn ngnnnnngnng      60
nnngnnannnn nnnngnngng gcgtttccnc ttttctangn tgnaaaaaaa acccggtttt      120
tggggngaaa aanngcccn aggccnaggg gaatnccnc aanncgggna annngcgggn      180
aaaannncgg ggcnnacgga gggggngana gaagnnngnn aaggggagnn gggnggcngc      240
gggnnnaggc gatagggaaa agngaanga gngcnnngg gggganngag ggnnnggang      300
accggangng anggagcgng ngcagnggga nnnacggagn ggggcangnn gancgangaa      360
ggcgngnga ggaaanaaaa ccngggagan ggnngctgna gnaannnggn nnaggatggg      420
aggaaaaanc atanaaaana ggngccngna ggagagaatn gnccccngng gangggngng      480
gnacggggna angnnnangn nagngngggg nngaagcggg ggaannnagn gggnaagnng      540
gnnngngagg gggngcgng gagagngng gngngngggg agganaangn ncngganccn      600
gagnggggga ggaagagng ngggganngn nnggangang nggnngngng ganngggng      660
anaggngnnn nngggngnna tcaggcnggg gagaggangg aagcnggcgg nncngggnga      720
ngagcaggcn gngaggnnnc nngnagagcg agngnnngc nancggnnna gagnggagtc      780
nnagngngga ngngcgagn nnagngcnnn gagngnang ngngagngg ngnnnnnnag      840
ngngcnangn ncnnngngng nngcntgngc nngngggaag gangngngn ngaggnaag      900
nnagngngng gngagngcg ngngggcg acagncgggg nggnngagn nganangnag      960
ngngggngng angagngcg ngantgncg anggcgngn cgggggagag nagannngng      1020
ggnggagng ngcngnnan gngnggacgg aggagngngn nnagngggg aggnngancg      1080
angngnnan acggcgnggn gnggangngn gacngagng gagggngag gagagnggan      1140
ggggggngn gcnnngnagg ggnagngcg agnagncnac angangggga gngcg      1195

```

<210> 3133

<211> 791

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (791)
 <223> n = A,T,C or G

<400> 3133

tgccctctttt	tgcccttttgt	aannnecnct	ttttgcagga	tcccatcgat	tcggattagt	60
angatttnca	ngaaaaataa	ccaccgggtg	gggantaang	ngcccaaant	cnngtcctaa	120
atgcncagct	ttatgtnecc	tgtccaccat	ctngngcctc	ttctccattn	gcctcttcct	180
tcctattttcc	cttccgctaa	ggaaaaaaat	nggggtcnca	ttngtaaaag	taattttaat	240
agttaatcat	ctctgagagt	aacctgtatt	ttaatngttg	aancttaacc	aaantaagat	300
nctgtctnag	ctagggcttg	tcatttgtgt	atttagtggt	aagataggaa	tgctagtgtc	360
tctttaatta	attggaaata	gatggaggct	aaaaatgaag	gtttttcttt	gaaactgaat	420
taacttggga	atatttgttg	ttaaaacttc	tttttgccca	aaataactca	ttttgnatta	480
tctgaaaata	tataatttct	ggcatgtgta	tgttaaaata	gaaaattttg	aggaaaaatg	540
gaaatagggt	ggaaaagtac	tcggtaaaca	gtagtaacca	aatattttca	ctccagattt	600
gngttttctc	ttggcaccag	agtagatctt	ttgggaaaat	atattatgaa	aagtnggatt	660
aaagtttggg	ctacccttat	ggttagcccc	catctgggat	gagaaacnggt	taccaaagga	720
gtttngggcc	tcttaagggtg	gatttgggtnc	cccagtgggg	tcaacttttt	gcnaaaattn	780
ccgnaatggg	g					791

<210> 3134
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (781)
 <223> n = A,T,C or G

<400> 3134

ncctttcaaa	cgcttgctct	tggtctttnt	gcaggatecc	tcgattcgaa	ttcggcacga	60
ggtgaacacc	cgctgatcct	ttaacaagga	tttctggcag	gaaactcaca	aaanggagaa	120
ctgaaaattt	agacatacag	ttggccattg	taaaaaacat	cagtttcctc	tcatacatct	180
caagtaaacc	aagtaaaata	agtgttggag	taacacttgc	ataaaagaat	ttaaggagtg	240
atagctcttt	ctgtttctgcc	attcccaaca	ttcctggggg	aaaggagact	caatgagtta	300
atactatttc	actgagccca	agatggaaac	ttggtttgac	ctaaaacatc	tgattaatat	360
aggctagctg	atttcttaaa	aattcgttgc	attgaaggat	attttgcatg	tctgtaacac	420
nngncantcn	tggttggant	ggattcnnta	tntnntnca	ntnntnncn	nntaattggn	480
caaatnantt	tngcnntaaa	tantncngnn	tcctnnngnc	aaaatcnnga	atcctnaggg	540
atggtccaac	cccttttatg	gntggcctga	aaangngaag	aatggggaat	tcctnttaaa	600
cnnttcatt	caaaaaaaaa	aaaaaaaaaa	cctnggccct	tttnnaactt	ttnggggngc	660
ccgttttccc	ttanaanccg	accttgata	ggaaccattg	gatgaatttn	ggccaaancc	720
ccaacttgga	atggcnntgg	aaaaaaaaag	cctttaantt	ggggnaaatt	tggggaaggc	780
n						781

<210> 3135
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3135

tcnctcctna aatcggtggc gctctcttgc aggatccctc gattcgaatt cggcacgagc	60
tctcaaataag aaatgggaga taagaaatat atctgtgcaa tattaaattg aaaaaaaaaa	120
cccataaaaa gtgtcaaagg caaataattt gctctagatc acaaaactag ttagcacaag	180
gctaggatta taaccagggc ctaggaaaaa atcctgaagg tgatttaact gagtgttagg	240
ccctgtcaag ccacctgcta aggcctcatgg tctttcagac tagcttcaac attccaaatc	300
aggcaatagc tacaacggaa agataattgg acgggggaatc ctgagatcag agtcctagtt	360
tggctttgtc tcttgtagca ggatttttta aatcaggggc agctctcttc tcccatccca	420
gccatgaatc tttcaacctt agtgggtcacc aacttgactc cattccttat atcaagcctt	480
gtcctgtcaa ttctccctta aatgttagtt gcatccattt ctaaataatat ccatggccat	540
caccctagta aaaagactat tacctcacac cccgcacttg atcttcccc aactttaagt	600
gactcagttc cttatatcac tgccacaaga attaacaccc atgtccatct tttcattttc	660
tgctgaaaga ttttcagtgg ttcccacttg aatnccaaat aaagttcgaa tcccttanaa	720
tggcattcac agccttntac ttctggntcc acttttatnt	760

<210> 3136
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3136

gcctccttct ttcaaaacnc ttggctactn gttctttttg caggatccca tcgattcgaa	60
ttcggcacga ggccacacgg gccgcatcat ncctgcaatc tggttccgct acgacctcag	120
ccccatcacg gtcaagtaca cagagagacg gnagcccgnr gtacagattc atcaccacga	180
tctgtgccat cattggcggg accttnaccg ncgcccggcat nctggactca tgcattctca	240
cagcctntga ggccctggaag aagatccagc tgggcaagat gcattgacgc cacaccacgc	300
ctaattggccg angaccctgg gcatcgccag ccttgccctcc agtgccctgt ntncctttggc	360
cctcaatctg gncccaaatc tggctgtgtc ccaaagggtg tgtgggaagt ggggggaaag	420
tanaggatgg ctcgatgttt tgcagctacc tcttttncce gtgttncttt ttagacaaat	480
tacactgcct gaagtgtgan ttcccctttn cctgggggagc ccnaagaaca gagtcnnggc	540
anggggtggg gagtccaggg atcttggggg acccctccta aggagaagct tgcagtctct	600
tccntaaggg gaacatccca gaatgcatta tcgantcagc ttnttaagcc caggctttan	660
acaaattctt nnnagnnccc caattagggg nggacaccat ttaaataaat ttgggtttac	720
ttcccctggg ggcaagncca anccttgccc ccanaaggct acncanaaac cttggggggt	780
tttaagcctt ttgggggaccc aggnntggcn nnt	813

<210> 3137
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3137

```

gntcaatacc tgctactgnt ctttntgogg attccatcgt tcgttcttca tgtttatatt      60
tcagagttct taatagtgat acttaaatat actatTTTTT ccctgtactt tcgaagattt      120
ggatatgagt tttcagattt aaatgtggga actcatttga gtataatccg tgaacagcat      180
ttgttcaaca catttttggg gaggccctgc tatatacaag tcattttcca agtcctactg      240
aggtattggg gttatccaga ttgtattatg gagaagctag tggctcttaa gaaataaaga      300
aataaggcta aaactcttta acagggtaga aaggggcagt tcatagggga gggaaatagt      360
atagaacatt catcctagga atacaagtga aatcactcaa attaccatgt agtcaatata      420
cagattgntc agtgcctcct atgtgccag cagtgtgcta ggcccaggga tacaatgaag      480
aagaacctcg ccctcaaaaa atgcagccta aaagtTTTTT tatggaaaact ggaaatcaag      540
tttgggtctg gcattagagg cttttcttaa tgtattcacc tgggtgtgtc aggtantttc      600
tgaagatata gaaatgtttg atgaaatgaa tgaagatacn gaatggtang attccagtat      660
caagctctat ctcataacag ttacatttcc tactacctg caaacctnt cctactatt      720
atttaatacc cttttttcac cccn                                     744

```

<210> 3138

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3138

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aancccttt tnnangcgnt tccntncanc tnaaancgnt tгнаactcnc nctntctgca      60
ggatcccatc gattcgctaa caagcgattc taaaccacct atgagtattt ctttttagggc      120
tcacttaaat acatgtttgt atatactgta ttctagccag aataatttta gatctgatca      180
ggtagtagct aaaattagaa aaaaaacaaaa tagatgctta aagaatttgc atccattttt      240
gagtctaaat ctttttaaat atactgagat ccacatctag tgaaatgtca gtgtcaaaat      300
attatagatt atagctaaaa tccagattaa tactcatttg gggtttttta tagtggaact      360
tcatagtaat aaaaaaagca gattgtcttc ctgtctccgc tgctcccaca gtaggtattg      420
aaactggtaa aatcagtttt ttgatantgt gtgtatataa gaaaaaatag atacacacat      480
tcttttttct cagtcaacac attgattgaa cactctggca aagatgctgt ggtggatgan      540
gttggagttc gaaagaagaa gcaagcgctn gcctgccttg aaagaaccga agtctttccc      600
attcacttct ctagaaagct gccaaagacag aagcagaaag aaatgggatg atagttctgt      660
caaagcacac ttctggntct ttagaacctt agaagtgnnt ctaagagaac agaagttatt      720
aagaagaaac nagntacgtg tgggaattca acaaccttng ggtnggaacc cattggcttn      780
t                                                                781

```

<210> 3139

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 3139

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ttcattccct ggctntgntc tttttgcagg naccatcga ttcgaattcg gcacgaggtt      60
aaactgtcag tattggatct tagaagtaaa tgattattag gactgtaata gtaattatta      120
ggactgtaaa aggtaaagga ttattatctg cattagaatt tcntanatct aaaggatttn      180
ganactngag acntttannn ccaggntct tttcctnaan tcnnaaatc caaattcatt      240
ngaantnggg aaagtgatgg gggnacaaant ngcntncnat ccagggnntc taaantngnn      300

```

```

ncanntggcn cncnnncgnt aaanntactn tantntnecn tgagcccn gn taaaaaactg      360
ngttaccocct tgacgactag tggngattat cnatTTTTTnc ccttnanegg gccctnatTT      420
cttctaacc cccacnntgc cttntntgat ttaaanaacc ttttggngnc aattccctnc      480
ctntccta at ttangceccc cngangagtt ttatecncn gnggnaataa attnccccca      540
aggggaattgg aatccaance ccccaanaa attnngnncc cccccctttt aatnggnctg      600
nnttgggntg ggnaaaaanag gnttttnttt atccaaagcc nggggttttn caataaanna      660
gntnnccngg ncccaataat atttttaaag ngcnaccct ttttnnnana aancTTTTTc      720
ccccctttt tttcnagggg ggggggntat tccanngggn nnaancctn actggnaggg      780
ggccaatntt aaatgcnc ccttttgccc cttcaccccc aacccctttt ttntntttnt      840
tttttnnacc naanncaa at tccgnttttt gggttncccc c      881

```

<210> 3140

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (725)

<223> n = A,T,C or G

<400> 3140

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nttcnatacc ttntctactn gntctttttg caggatccca tcgattcggg ctgagagggg      60
ttatgattcg gagggttctg ccgcacggca tgggccgggg cctcttgacc cggagccagg      120
cacgcgcaga ggagcttttc tctgggtaaa gttgaggacg acagagggta ttgtggttct      180
gggttgctcc caacctccga ctgtgtgtcc ttcaggacc gaaaccatgg cccacactgg      240
caggacagt ggtcggcttg gggaaggggg ttagcttacc taccagagct tgtaggggct      300
gtgcaggtgt atggctccca aggcggccct tttcaggtgg caggtctcac atcattctcc      360
atttaagctt acagtcagac tgattgataa tcggtggcac agatgtgcat taagtccctgc      420
ccgtgttcag gatgctgtac ttagtgctgt tgcggtaaag gagtgaagag aagacgggat      480
tcagtgaatg ttctggaaaa tggctagagt gtacctagag agggaaaatt tcaatagaca      540
gtaggccagt tcaagactgg atagaagccg ggcgccgggc ctgtaatcct agcactttgg      600
gangtcaagc cgggtggatca cctgagctca aganttcgag agcacctgac caacatggtn      660
aaacaccgct tttctaaaaa tncaaaatta gctaggtgtg gtggtgggct cctgtaatcc      720
aggac      725

```

<210> 3141

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 3141

```

ctaatagctn ngccnactcg ctctttctgc aggattcctc gattcgagaa catgaaggta      60
gcacagaaaa agagatgctg tcttgccagg aatgttttat ttcaggaaag atatttgcaa      120
aggtggcaat gcagtgggtg atggttgttg caaggcccaa acagcacgga gctcgctgca      180
gaggagtaca cctcatgag catagacacc atcatcaatg ggaaggaagg tgtgtttcct      240
ggactgatcc caattctgaa ctcttacctt gaaaacatgg aagtggatgt ggacaccaga      300
tgtagtatcc tgaactacct aaagctaatt aagaagagag catctggaga actaatgaca      360
gttgccagat ggatgaggga gtttatcgca aaccatcctg actacaagca agacagtgtc      420
ataactgatg aaatgaatta tagccttatt ttgaagtgtg accaaattgc aaatgaatta      480
tgtgaatgcc cagagttact tggatcagca tttaggaaag taaaatatag tgggaaagta      540

```

aaactgactc	atccaactag	acattctaca	gaaagaaaaa	atgcattatt	gacgaactgg	600
ctacagtacc	atgcctnttc	anccagcccc	gtgtgtataa	tatgaaagac	canatgatag	660
aactgtactg	ttttctgggc	cagtgaacca	gaaattggat	taangctttc	tttggtangg	720
taaatctaga	agtttatata	ntggn				745

<210> 3142

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 3142

tttaagccct	ttctactnct	cttttgcagg	attccatcgn	ttcgaattcg	gcacgaggat	60
ctctatacta	gtgaacagtg	ccagttccac	actttggact	tagaactggt	ctctagttat	120
tgtaacacag	aatactgtca	atccctaatt	tacttaattg	tacttattgg	aagtggggct	180
gatgaaatac	gcacaggagg	gaaatctact	gtgtttaggc	acaggcagnc	ccagtgtata	240
aggagatcat	attccaaaang	gttgtcagtt	ggntgtttgc	aacctggaat	gtattttcct	300
ttagagacca	ngttatccat	ggtggttagg	cccctagagc	agctggaaaa	agatgatcaa	360
accaataggt	tngetgacat	cnaataatgt	aataagtttg	ctaaagggaat	ctaccatcaa	420
atntnatatt	gnttccaggg	aaggttgttn	nttaanntnc	cntcttngtg	ncatantgga	480
cnntcccntn	ccagtcant	nentnannnc	tngggcnnngt	ntngnnntng	tnnttttngn	540
cnnctnanca	atatttcata	tcnccccctng	ctaaaattct	ttnanannaa	nttctcantt	600
tctcccttta	ctanaanttt	ngtntttnt	ccntttanta	tttnnncccta	tnntntnctg	660
tcnnanant	cattnnmtnn	ttntnngctn	ntnnatcacc	cttanctcnn	tctcanntat	720
cntnntcnta	ttatctctnt	attntntnct	tnntnatnct	nttcennntt	gtntanncna	780
ttatntcttg	ttntntnct	cncatctctn	tcntnttctc	ngctnannnn	actccnnnnn	840
tcnctctent	nnnnanant	atntnctnct	ttngntatat	annnnnnntnt	ntacntanct	900
cnnnatnnca	tnncnatatn	nttngt				926

<210> 3143

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 3143

tnaagncctt	tctnttgctc	tntttgcagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtgggtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatat	tgccctatca	aaaacagtgg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccaggtctta	gaggatgtag	accagtgtctg	240
tcaagctctc	tctcaaagac	tggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctgggtattg	gccatctata	caccattctt	accacacaat	tgacaaatga	360
tgaactttct	gagaaggatg	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttatg	tgtagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttgggtgtca	540
gaattttaaa	acccaaat	actggctttt	tggaacctt	cnaaattata	ttaatgggat	600
cttnatgnat	tgtgccttta	taattggcna	ttttggggnn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttta	antccnggaa	taatgntnng	gnaattcctg	nnattccttg	720

gnnaanttttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
 aaaagncttt taaancaaac ctggg 805

<210> 3144

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 3144

gtnccttngtg nctntcngna actccctctn tctgcaggat cctctgattc ggagaggagc	60
aggtgcagtg attcataccc actctatngc ttttgtgatg gccacccttc tctttccagg	120
acgggagttt aaaattacac atcaagagat gataaaagga ataaagaaat gtacttccgg	180
agggtattat agatatgatg atatgttagt ggtaccattt attgagaatn cacctgagga	240
gaaagacctc aaagatagaa tggctcatgc aatgaatgaa taccagactt cctgtgcagt	300
actggtcaga cgtcatggag tatatgtgtg gggggaaaca tgggagaagg ccaaaaccat	360
gtgtgagtggt tatgactatt natttgatat tgccttatca atgaagaaag taggacttga	420
tccttcacag ctcccagttg gagaaaatgg aattgtctaa gccaaaagaa agtctaatta	480
tatacagaga taaagctaaa cgtaattatt atttaaataa aagctatatt tttaaatgaa	540
attggaaatt ttttcatgga tgccctnctaa atttggnccac tttaaatacct gcaaaaatgg	600
gcncctctgg aaacctcttc tgaccatttg gaatggtaat tnggccttaa taattccttn	660
aataaatttt ttaaaaatga angggcccc agnnggaaaa attggnaaaa aatttttnaa	720
tancntccna anggtnnctt ggggntaaat tttttttaa aatccccctt aaaccagccc	780
aaaaattatt tttggnccct tttaaatttc ctttnnntna aaantantac cntcttcagg	840
aagnaaattc c	851

<210> 3145

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3145

gctcnatget tngcnatcgc ncctttgctg attcatcctt tcgggaactt ttgaagagaa	60
aaattcgagc tagagggatt cttaaagcct taagttaact gaaatctatg tatttgcaac	120
cctttgtctc tggaatcata ttacactaaa ctggaatctc aggctgaatg agaataaccc	180
agtggagtaa aaagaagaaa accgtttctt gatcaccact taattaacga tgctctttct	240
ccaaaggatc agcacgttct tcctctgaga acttgaaaat acaaatggac cccatgtttt	300
tttaagcatt accttttctt agaagactgc catcatcttt tatagaggaa ttttttctct	360
atgcanttcn gtggatcttt ataaaatact gaccttctaa ttagattcag gtcagtctta	420
attaaagggg gaaaaaaagc aacgcaagcn caaccacagn aacnccatat tcccaaataa	480
aaggaaattt ggttttaaaat ttacacagcat taaacattac tttttaaagt aaaacnagtt	540
catttgaaga aagtatgtat tgcancnant ggaacatggg cctggngctt ttgcagtggc	600
cttcaacctn ctgtgcctgt ctggaanggg cgtgttccca agagtgagan ggagaagcct	660
ggtgtncang aaacgctcct attaangaaa gnttnncttg gccaccgggc caacggggcn	720
aagaatgggt tggggtggnt ttnacctctt atcantgc	758

<210> 3146

<211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3146

cgctttttca	nategttggc	tactcgttct	ttntgcagga	tcccatcgat	tcgttgagaa	60
cctgcctcta	tcccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggcncca	tanccttaacc	tgcaagtgnct	tcaaaatgcc	caatgccttg	tttcctatta	180
ccttanatng	cnnnccagtc	tagggaagtc	tatgagaaaag	tngcatttaa	ttaaagttta	240
aaaaaaaaaa	ggttgggcnt	tgnggctcat	gcctgtaatc	ccagcacttt	gggaggctga	300
cgcggttggg	tcactaggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catggtggcg	tgtgcctgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	cccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgactcccaa	cctgggagga	caganctaga	ctcagtctca	aaaccanana	540
aaaangccnt	tttttctggt	ttnaaatggt	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tggaancccc	tnaancccaa	aaatttttat	660
tagcccnttt	tttnannaag	gggggtttta	tncttaaagg	ggccntttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccc	gcnaggncn	ttttaccgga	gttgcaaatt	taattttnaa	780
taacccaact	ntgggccttt	aaaatttaan	annnaagntt	cttgggtnac	ccnanntntn	840
tnggggcoct	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3147

caatgcctgc	tngtcgtcgt	tgcggnctcat	cgttcggttt	tttgggtgaac	actgatttta	60
ttgggtgtct	agatccctag	tctacccaaa	taattttaac	agtactgttt	tttctaatacc	120
tgaagtctga	tatttatgac	tcatttagcag	gaatcaaaac	tagtgatcag	tagaacactt	180
tcaaaaataaa	aatttgggaat	gcagactttt	atgaaaattt	aaaagtgtct	cttaacagaa	240
tatcatgggt	tttcctataa	aacttcttta	agtattgtaa	ttccagtctg	ccccacttta	300
aaaaaaaaatt	cttattaata	tgtcagtcac	taattgctag	tttgggctct	cattattttcc	360
tgtttttttaa	caatttttgtg	ataattttat	tattggcaaa	ttaatacatc	aacacttaaa	420
tcattgacta	taataatacc	ttctggctac	ctctgtatca	accaaattct	gtagggtgcaa	480
acatatacca	gggaattctt	actggcaaaa	tgatcaatct	ggagtgtgca	tccactgtga	540
atggagcaaa	ttgccctata	cccattgata	acctagcttt	cttagtttgt	agatgtagga	600
aacaaaatag	tgacagagag	agaagggggg	ccacagggga	tggtatatatt	atcagcagtg	660
gaaaaaaagt	gcatagatca	tttagtccaa	gaacttaaaa	ctaaattgag	ccataattta	720
ctt						723

<210> 3148
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3148

gcttcaatan ctttttctaa ngctcttttt gcaggattcc atcgattcga attcggcacg	60
agagtaccca nanttgcnag gagtntnntn actgatntag ccagggtggca atnatgagtg	120
aatggatnaa naaaggcccc ttagaatggc aagatnncat ttacnnagag gtccnagtgn	180
cancagtgga cangaatgag tttnaaggga tgggttttaa ctacagaccc agnctctgcc	240
aatatngacc ttgtgaactt ccttgaagat ggcanatgt ctgagaccgg aattatggga	300
catgctgtgc agactgttg aactntgaat gaaggggacc atagagtggg ggataagctg	360
atgcattttg ttcacgtctg gagactgcaa agcatacagc ccacaggatc tggaagagag	420
aaagaacagc ctanagnaaa tggctngaga ngaaccacat tcccactact gaacagggan	480
acgcttcaag gactctctgt gtggctgggg ncttgactat ngacccacca tatggtcana	540
naaattnac cagctctnat gagantattn tgtcgcgtgt tcaggatctt antgaaggac	600
atcttacant ttnccaanna naagnatga aatgtgacat tctgcttgaa naagacnata	660
ttttatctc atnaatgttt aaatgtaaaa mnnnananaa aanactcgag ctntnaaatn	720
tngtgagttt anang	735

<210> 3149
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 3149

gcttctaattg cttttctgant ngcnntcttt gcaggatttc caaatncttg gntgcactct	60
ctgatggcnc tgtaaagatc tggaatatga agaccacaga atgttcaa ataccttaaat	120
ccctgngcan caccgcangg acagatatta ccgtcaacag tgtgattcta ctctctaaaa	180
accctgnnca ctngtggtg tgcaacagat caaacacggg ggtcatcatg aacatgcagg	240
ggccanattg tcagaanctt canttctggt annagagang gtngggactt tgnntgctgt	300
gccctctctt cccgtggtga atggatctac tnggtanggg aggactttgn gctctactgt	360
ntcngttcan cnaactggcaa actgganaga actttgacag tgcaacgaga nggatgtgaa	420
tggtattgca catcancctc atcannaacc tgattgctac ctacagtnan nnatggactt	480
ctaannctct ggannccatn antcaacttt tcttgataa atnagctcna aagcctntac	540
tttaaataa gccatnntca tggtaattgt ctttnatntg ttttttgccn ncntgttcta	600
aancaaatac nattgtcnaa aattnannnc cncaaataaa ttttttggtg aaananttna	660
tgnttttnaa anttagcnaa nctnncccn tntctctttg tgtgaanatt aagcttttaa	720
agggagttt nggnnttant ccatnctttc naaactgggn tgnccggtca acnttaaang	780
ntcaaacaat taaanncn	798

<210> 3150
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3150

gnntctatnc	tnggctcttg	ncttcttgca	ggattttctaa	tgtttggatt	cggcacgaga	60
tcaccctggc	acgttccccct	cagctgggct	ctgcagggca	gctaagattg	ggcactgatg	120
ttcctggctt	cagtcctacc	cgggttatgc	agctacggct	tcatacatat	accagttgca	180
ctaacttggg	atgaaaatta	agttaaaacc	agtagaaaat	ttcctcctat	gttttggtgg	240
taaaagaagc	aatgaacaa	atgaatagag	gctgccaaac	agttgtctca	ccaactgttc	300
cgactagcta	acaagattag	ctaggtcata	cctagtctga	aaagaatact	ataagaactc	360
agaaattcga	catatttcta	ctacttgctt	gtcatgtaga	taaacagatt	aaaagaacca	420
taaaaaaaca	aagagaaaat	aatagtagga	ttagagagca	tgttatcatc	tcatgggctc	480
acttggcctt	agaaagaggt	gtttatccat	catgaatatg	aatccagggg	tctgaatgga	540
tataagagaa	ccaaagttaa	cagaaattta	atatcatttt	ttcctctgag	atgaaacatt	600
ttacattttc	cagttttatta	gataaaatta	ctaaacatgt	tctagaccct	ggagttgtag	660
attttatgat	gttggtgct	gtggantggc	catgactggg	ttttcaaattg	ntaatttgat	720
ttctttttta	tc					732

<210> 3151

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 3151

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ggcacgagct	tgactttcaa	ctgcccctga	gatttgnnct	ccagtataag	gggcaagcgg	120
gtgcccctgga	ncgtccantc	ctnattcanc	nancanggct	tggnttttnt	gnaaaaactt	180
gttggnagtc	ctgncanaaa	agctgcggcg	gaaatgggca	ctgtggcttt	ccccgtttca	240
ggntgggtggn	gattcctgtg	gggagtgcgc	aagaggaata	cgccaaaaag	ggacagcnga	300
ncctgcnggc	tgcaanactg	gtcagtgacc	tggatgcana	ctttttgact	gaccctttag	360
accngagaaa	tcctaccggg	ccccannttt	gncccantaa	caaanttttc	angttttgnt	420
gggttngggc	cataaaanaa	gcaactgggt	ngaanaaaca	anttgaacn	tttctgggaa	480
aaaaangcta	ntttggngca	ccntttgccc	caatttgggg	anattttccc	tngnnaaana	540
ngttttnncc	ccnttggttc	gacaattttt	cccnnaaata	ntctnnccgg	gtctnnnaaa	600
antntccngn	gnngnanaa	ttttttttng	gnnctcntnt	nanannnttt	ntnttgngga	660
tcnaaaanaa	nttgntnatt	tgacaaatna	ngcncnaant	ataanntggn	aaanccccnc	720
aaacctgttg	aaaacaantg	tnccccccn	aaatttttna	naaanactgn	ttggagaccn	780
aaattmntta	tnttcntnan	naaaaaaaan	ttttgttngn	gnncccnctc	aatntgnggg	840
tggnaacttt	tcatncnnan	ttnttttggn	taggttaaatt	ntnatcttct	ncttnaanaa	900
aaaaattcnc						910

<210> 3152

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3152

gnttnnnctt	tttcantnct	tggtctctcg	ctttntgcag	gatccctcga	ttcgaattcg	60
gcacgaggtc	tagtataatc	ttgatgctca	aaccagataa	ggacaatata	agaaaggaag	120

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agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcatacaata 180
atcttttaaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
aagagaaaata tatgagaatg ataagactgc aattgaaagt agaggctttc tctggaggga 300
aagggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
tttatttttt aagctgaatg ataggtacgt agatgttcat tgtgttcttt ttgccttttt 420
gtatatctta aatatatggg agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
atgtcacttt caaatgctgt atttttgggt gagttgctta aacacattcc ccttggnatc 540
tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
actgnatatg ccatttttcat gaaatgggtg tgtcaaaggg gcttnttagg aaaaaaaaag 660
atcgtttaac tctttttgca tttaagtggg aaataaggtg ggctttngga aatagtttca 720
acccttgctt aaccagtttt ttttttcatg cttnn 755

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<210> 3153

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3153

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tnaagnccct tctnttgctc tntttgcagg attccatcgn ttcgcagagc tgtatcttca 60
gtgggtgat gaagctacag taggggagat cactcatgct aggtatggat ctccttacct 120
ttggcctctg aatcataatt tggcctatca aaaacagtgg gaagtcaaac gtaagatgaa 180
agctattgga tggggaaaga agactctgga ccaggctctta gaggatgtag accagtgtctg 240
tcaagctctc tctcaaagac tgggaacaca accgtatttc ttcaataagc agcctactga 300
acttgacgca ctgggtatttg gccatctata caccattctt accacacaat tgacaaatga 360
tgaactttct gagaagggtga aaaactatag caacctcctt gctttctgta ggagaattga 420
acagcactat tttgaagatc gtggtaaagg caggctgtca tagagttatg tgtagtctc 480
aggagtctta acttttgaaa tatgttttac ttgaatgtta catttagata tttggtgtca 540
gaattttaaa acccaaattt actggccttt tggaaacctt cnaaattata ttaatggtat 600
cttnatgnat tgtgccttta taattggcna ttttggggnn tttncntttt naaanaaaaa 660
ttcctngaaa tttattttta antccnggaa taatgntnng gnaattcctg nnattccttg 720
gnnaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
aaaagncntt taaancaaac ctggg 805

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<210> 3154

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3154

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tnnnnnntt tcaatnttn ancgccctt aggatccntc gattcgatcc agatgggata 60
cctctaaaca cgaaaagaaa gaagattcca ttantgaatt ttttaagttg gtttnatcaa 120
aagccgagcc acctangcaa cagtccacct ccttagtaaa caaagaggaa nagcatgcac 180
cagaatcatc cgcaaatnag acagtcaaca aagatgtgga cgcacaggct gaangagaag 240
gganccgcca tccatggact tattcatggc catctttgcc agttcctcat atgaaaagtc 300
ctnatcctgc gangatganc acggtgacag tnaanatgat caggcacgct ctggngagga 360
caacttccaa agctggnaag aactgactt ggnggaaaca tcatctgtgg ctcacgctnt 420

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tggtgccagng	ccctaggagc	cgtcaccttc	cttccccgata	caaangatgc	agatagatna	480
naganaagag	ntcggccngn	ngctgcctcc	cgtcttatgt	nccaatgctc	gtcagacact	540
tgaagttnct	canaaaagaga	aacattccaa	gaacaaaagac	nagcacaang	gcaatanaga	600
acacagggccn	gaaagaattg	anangaaatt	ggaaacactn	gaagcacnaa	acacctaang	660
naatccaaaa	naattggcaa	accaggggaa	aagtaggtnc	ctncgngaag	tttcgacagc	720
cngcggacaa	gccanaattg	acnatgaaac	cgcatacgtg	tcttnc		766

<210> 3155

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3155

ttngaaaacn	ccttngettn	gttnccctta	cngaaaacct	tttgaaaacc	ntttgcnann	60
tcctctttnt	gnaggatccc	atcgattcgt	gaaagaggag	atcggtgacc	tgggctcctt	120
atgtgcctga	atgagtttga	gtttcctgtt	aactccaaat	caacagtatt	ttcaacaaga	180
aatgtgcaat	tgaaatcaag	tgctgtttta	gtgcagctag	gantccacag	gaagacactt	240
gcagtgaaca	gagttatgga	gcagcaaaaa	cacagatcta	tttggaaaaa	gagaaaacat	300
atgcgttgta	ttttgcttca	attataaaat	accatcctct	caaaggtggt	tctaaattac	360
aaaggacttt	gatttctagg	tagattctgg	gtagagactt	cctttcataat	tgaggcatta	420
atgacacctt	ttaacctggg	aagcaatatg	actggagttg	tactttgaga	agattaatca	480
ggtttggttg	cagaatgaaa	gagaagatga	agtcaagaga	ttggttttaga	ggctctagca	540
gaagcttagt	catatttcaa	aatgatcaaa	tatcaagaaa	aattctgagc	tgcataactt	600
gtataaagta	attttcagtg	atttttttca	tggttatgat	aaaagaactg	gatttagcaga	660
aacttttacc	ctgaatcaag	atttaatttt	tctttgagct	catcttaagg	atatacgaac	720
atagggagca	aacgatgggt	tggtgccttc	antgcttgaa	ttttaacngt	tttgaaan	778

<210> 3156

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3156

nanatccnnc	nantncttnt	tgttcntgtc	cgnangatcc	catcgattcg	aattcggcac	60
gaggtttcat	ttaagaagaa	tgancatgat	anatgtgctc	ttctgggttac	cccacctga	120
cagagtgcac	ttttacacgg	ctagcagggg	ttgagactgc	agcctggcct	gccagccatt	180
ggagggtgtt	aaggaagggc	agataatgtg	actctttgcg	gggtgccatc	tgcttaccac	240
ttagcagagca	naggggggtt	ctgcgggtga	ccccagcat	atttctaggt	tacttatggg	300
cagatttgta	agtgaacaaa	ctccagctga	tgctgggaat	ggggagaggg	cccttgaggg	360
acttttggtt	tttggtgctt	tggtttcctg	gccaacccca	gggtcacttg	tctggaggcc	420
cagctgggca	ctaattgtct	ccaccgacta	tgttaaagtg	tataaatgat	tcctctatct	480
gggagagatc	ttccaatcca	gaggagcccn	tcttgagactg	cctgggttaa	atctgcatan	540
cagangtggt	tgatgaagtt	catctgaaga	aattcagccc	cacctncca	ccctgccntt	600
cctgtccctt	tttgatagtg	gcttctgggt	actcgggcnn	gtnccttgga	caccancctt	660
ntctgggggt	ctnaagccat	cccgttgggg	ctgtcggcca	agcctaagtt	aatcgtgtgc	720
ctntattggg	aggatngctn	ntcct				745

<210> 3157
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3157
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 attcgaattc ggcacgaggt ccatacatgg agctccctgg agcccggtgtg ntntcgtgtg 120
 actgaacggt ttgtgatgaa aggaggagag gctgtctgcc tttatgagga gccagtgtct 180
 gaattgctga ggagatgtgg gaattgcaca cgggaaagct gtgtgggttc cttttacctt 240
 tcagctgacc atgaactcct gagcccgacc aactaccact tcctgtcctc accgaaggan 300
 gccntngggc tctgcaaggc gcanatcact gccatcatct ntcagcaagg ngacntatat 360
 gtnnntgacc tgnagacctc agctgacnct nccttngtan ggttngatnt nggaagcatc 420
 ccaaggngat ttagngacnn tggantcctn atnactgata anacncnaac tatantnttt 480
 tacccttggn agcccaccag caagaatgag ttggagcaat cttttcatgt gacctnctta 540
 acanataatac tctgaatgaa tctacgttgt atttatcagg nggacaatgg gaataaagcn 600
 tttntaaagc accnantgga catgaaagca acagacacna ggagnnaagc cttgagacat 660
 gtctgnnntc tgaccgcatt ttgatccant gntctgtgan gantntttca ctgaacattt 720
 tcaagaggag ggtgnatacc cctggcaatn gccnaanaa ag 762

<210> 3158
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3158
 tgntttcccn ctngatcctt ttctcacaac cttgtantgc tgcangatcc catcgattcg 60
 cgtctgtaat cccagctgct tgggaggctg aggcaggaga atcacttgaa cctggagggt 120
 ggcgggttgc gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 180
 ttctgtctca aaaaaaaaaa catagaattt ggatcctttg gtcgggttct cccaaattct 240
 tttgagggtg ccatggtcaa ctgcttcagc tttgtnttgg caacccctg cccgaanncg 300
 catntaggct gctcttcacc ttgtttccaa ggctgangaa cagaaagtag cctntgtttt 360
 gaggangtng aagttnanta tacatnnatt ttntactgng actngntcag gaccacattt 420
 tacaaaatgc ctngtttccct tcattgnntc tggaaaggaa agttctatta atattgnttt 480
 actntgaata tanaatagtt ttnantaatt agggcttatt tnnaaaaatt ctgagctaatt 540
 tcaaagtgtat gccaatacct tccaaagtaa ggtaatatcc anagacaagt tgctgtnatc 600
 anatggctta nagaaaatct ctggaatatt cacattctaa nattncttat taatngaagt 660
 tcctttgact taaatctacc aaaaaactgc aacattantc tttgncatnc tcattatata 720
 gngttaanaa gcttatttca nacnaataaa atctn 755

<210> 3159
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (753)
 <223> n = A,T,C or G

<400> 3159
 ttcccccent tttntncctt tgtctcatcc ttngnccttt tgcaggatcc catcgattcg 60
 cgtctgtaat cccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggagggt 120
 ggcgggttgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 180
 ttcgtctcaa aaaaaaaaaa catagaatttt ggatcctttg gtccgggttct cccaaattct 240
 tttgagggtgt ccatgggtcaa ctgcttcagc tttgttttgg caacccctg cccgaagtcg 300
 catataggct gttcttcacc ttgtttccaa ggctgaggaa cagaaagtag cctctgtttt 360
 gaggagggtgg aagttaagta tacatttatt ttttactgtg acttggtcag gaccacattt 420
 tacaaaatgc cttgtttcct tcattgtttc tggaaaggaa agttctatta atattgtttt 480
 actttgaata tagaatagtt tttttaatta gggcttattt tgaaaaattc tgagtttaat 540
 tcaaatgtat gccaatacct tccaaagtaa ggtaatatcc anagacagtt gttgtgatca 600
 gatggccttag agaaatttct ggaatatcca cattcgaaga ttccttatta atgaatgctt 660
 tgacttaaat ctaacccaaa actgcaacat tattctttgt acattttcat tataatagtg 720
 taacaagctt agttgcaaac aaatgaaata ctt 753

<210> 3160
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 3160
 ggnttttman ncttttctaat ncttggtttn agttctttttg caggatocca tcgattcgaa 60
 ttcggcacga gagtaccag agttgcgagg agtttttttaa ctgatttagc cnnntggcaa 120
 tcatgagtga atggatgaag aaaggccct tagaatggca agattacatt tacaaaggag 180
 tccgagtga agccagtga aagaatgagt ataaaggatg ggttttaact acagaccag 240
 tctctgcaa tattgtcctt gtgaacttcc ttgaagatgg cagcatgtct gtgaccggaa 300
 ttatgggaca tgctgtgcag actgttgaaa ctatgaatga aggggacct agagtggagg 360
 agaagctgat gcatttgttc acgtctggag actgcaaagc atacagocca gaggatctgg 420
 aagagagaaa gaacagccta aagaaatggc ttgagaagaa ccacatcccc atnactgaac 480
 agggagacgc tccaaggact ctctgtgtgg ctggggctct gactatagac ccaccatag 540
 gtccagaaaa ttgcagcagc tctaatagaga atattctgtc ncgtgttcaa ggatcttatt 600
 ggaaggacat cttacagctt ccaatgagaa gccaaagat tgtgaacata ctgattgaaa 660
 aaagacttta ttttaatccc tcattaaan ggttttaaat gttaaaaaaa aaaaaaaaaa 720
 acttcgagct tttaaactat ngtgagtcga ttentataa 759

<210> 3161
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

<400> 3161
 ttctcctgaa acgcttngca ctccctcnc tgcaggatcc catcgattcg aattcggcac 60


```

gagacactgt cccactccat caccacaggct ggagtcacgt ggtgtgatca tagctcgtg      120
catcctccag ttcctgggtt caagccatcc ctctgcctc agcctcccca gtagctggaa      180
ctacaggtgt gtgccatcac acctggcttt acatttttct gtgggggtctt actatgttgc      240
ccaggccggt ctcaaaactcc tgagctcaag tgatcctctg nctcagcctc cagagtatct      300
gggattacat atgtcggcta ccgtgtctgg ccgttcacat ctttggccac tattngcttg      360
tgaaaaggta tnatgaggtg gtacttatca tngttactgt gtctcatgtt nngtatattt      420
ttgcttcatc aactaagatg cactgtaaca tctgtgaaat ctggatatat tatcaaangg      480
tttatcatag ttttgttaac aatacactgt cgttttactn ggtgcctaan ataatgggat      540
agttgngagg tgatcttaga tttgatgaag cacagtatgc aangtaggcc taatggnggg      600
aaagaatggg naattttcan angcnnggaa gtatttgntn ttttgtaaat ggacttgaaa      660
agcttgttct gnnggattgg acccaacccc tttccctttn aaaccccgaa ttctnatnga      720
ctnttccaac ttngaaaact ttgctcnaac ttaaatacct ttnaaaaatt aacctgacc      780
ccg                                          783

```

<210> 3162

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3162

```

ntntttgaat ctttgaaata cctttgctat ngttctttnt gcaggatccc atcgattcga      60
attcggcacg agaggttgct cacctgaagg agcacaggag ggttttccag gccatgtggc      120
tcagcttctt caagcacaag ctgcccctca gcctctacaa gaagggtgctg ctgattgtgc      180
atgacgccat cctgcgcgag ctggcgcgag ccacgctcat gatcgacttc ctcaccgcg      240
cctgcgacct cggggggggcc ctgagcctct tggccttgaa cgggctgttc atcttgattc      300
acaaacacaa cctggagtac cctgacttct accggaagct ctacggcctc ttggaccctc      360
ctgtctttca cgtcaagtac cgcgcgcgct tcttccacct ggctgacctc ttcctgtcct      420
cctcccactn cccgcctacc tgggtggcgc ctctcgccaag cggctggccc gcctggccct      480
gacggctccc cctgaggccc tgctcatggt cctgccttct atctgtaacc tgctgcgcg      540
gcacctgcc tgccgggtcc ttgtgcaccg tccacacggg cctgagtttg gacgcgcgacc      600
cctacgacct tggagaggag gaccagccc aagaccggg cctttggaaa acttccctgt      660
gggaagcttt aagnncctc nanangccac ttaccaacc ttgaggggnt ccaaangccc      720
gccanccggt nattaaccaa ggccttggn c aatgcctgaa ggtcaaacia tn          772

```

<210> 3163

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3163

```

tcnnncnctt ttcgatcttt tgagncttgc ctttgaaccc cttggntacg anttcggcac      60
gagggaaacca tganancna gagctagaat tgctattgga tnnctctctat tctctntttg      120
cttattgggn cgngntnctg ggttntctggc ctcannggtn nccccgaang anggggtatc      180
tnngagcnan ttntgcnntt tacnggctag cttgntgggg gcttaanntg ccactnttan      240
acatgctnta ctantcantg agannntnct ntcgaccatn tannacnatn ctgtgnntc      300
cngtacnctn tggccgnatg gagctattag cttcaanatg nntcgnantg ttacatgcan      360

```

```

nactgannt nactatccan natntaagtn ctcttngctt actgtgaaca nnnngctactn      420
ncttgatata tatagnaagg ntcenttgata cncgatnatc ntncntgtca gatcnataaa      480
tancanctat accnactgtn naaatnccat ctggnggngct tncnatccan acataattgc      540
attannncgt cnaattgnga tanagtnttg aaagantctn gggttagacn ttggatggtg      600
caatgnttgt gncttanaan ttatgtgctg gctactgant aancctggggg catgacntta      660
ctggnttgac ctaagnggng aantcnatgg tccgattgct ggnccctanc cttaagnttt      720
gccatgaata ggnccttttgc cctaaaataa naccctttt      759

```

```

<210> 3164
<211> 853
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(853)
<223> n = A,T,C or G

```

```

<400> 3164
ttttggancc ntcttttgan ncttttctaact gctgggntac tcnctctctc tgcaggntcc      60
catcgattcg aattcggcnc gaggatcagc ccacctcggc ctcncaaagt gctgggatta      120
caggcgtgag ccaccttgcc cagcccatat catacagttt gaaatgaaac tttgccacaa      180
ccagcctttg ctgtagcaca cacatatatc actgaacctg tttgaaataa agtttttttt      240
ctttntctct tggatttctg gggttctgaag tctgggtatc tggatttctg gggtcctgaag      300
tatgacttga gagtgttgcg ctgggtattct gagagttgct ctgtattctg gggtcctgaag      360
attatttgaa aaataactcc tactacattg aaatgcagac ttaaaaattt aaacattgga      420
ttangcagtc aaaaaaacca agcaagcata aaaggtcaat aagttgtaat cttgatagta      480
aaggtggaaa acttattata aatggnaang aaagttttat ttcctttttt gtttgaatgg      540
gcaagtatgc catattatac ccaaaagttc ttttaaaaaa atatttccca ttcaacctcat      600
ttttaattna aaattaaaac cattttgnaa gggaaanttt acccaanggc aanccttttt      660
tttctccaa aaaggttnac cntgttnatc cttctttttt ggnaaattta nccaccaatt      720
tttttaaagg ngggncaatg gggnttaaaa ntanccctgn aagnnatttt ttancccttc      780
caggtttaa antccccttg gatngggtct taacctgggn gggtngnata naaaaaata      840
naccctttt anc      853

```

```

<210> 3165
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

```

```

<400> 3165
gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac      60
tgcagatccc atcgattcga attcggcagc aggaccagc tagaccagct caagagttca      120
tgttctttgt naccctctct tgagctctct gtaagtcnnt ttcttgccca tcaccacatc      180
cctagtactg ggtatcagtc tggccacttg gctttctggt ttgccccaat gtggtctatt      240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgta      300
aaacccccag taactgcaa tctcacttag aataaaatcc ggactcctgt gaagcacagc      360
ataaactggc cactgcctat gcagcaacct catctttacc gnttctctgc ttgctcactc      420
ccttcagcgc ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca      480
agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc      540
ttcattgcng aatctctcnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt      600

```

```

nctatnatgc cctactcatt tccagtcctt gaaanggccca ttcccacttn antannactt      660
attgctaacn tgaaatacac taaatgnnan ccttcatgaa nggtanggca anttaaagtc      720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn                      767

```

<210> 3166

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3166

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gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac      60
tgcagatccc atcgattcga attcggcacg aggacccagg tagaccagct caagagttca      120
tggtctttgt natectectg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc      180
cctagtactg ggtatcagtc tggccacttg gctttctggt ttgcccgaat gtggtctatt      240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgta      300
aaacccccag taactgcca tctcacttag aataaaatcc ggactcctgt gaagcacagc      360
ataaaactggc cactgcctat gcagcaacct catctttacc gnttctctgct ttgctcactc      420
ccttccagcg ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca      480
agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc      540
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt      600
nctatnatgc cctactcatt tccagtcctt gaaanggccca ttcccacttn antannactt      660
attgctaacn tgaaatacac taaatgnnan ccttcatgaa nggtanggca anttaaagtc      720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn                      767

```

<210> 3167

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3167

```

gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac      60
tgcagatccc atcgattcga attcggcacg aggacccagg tagaccagct caagagttca      120
tggtctttgt natectectg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc      180
cctagtactg ggtatcagtc tggccacttg gctttctggt ttgcccgaat gtggtctatt      240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgta      300
aaacccccag taactgcca tctcacttag aataaaatcc ggactcctgt gaagcacagc      360
ataaaactggc cactgcctat gcagcaacct catctttacc gnttctctgct ttgctcactc      420
ccttccagcg ccgttattct tctgatgcc cctagtacac aacaactcct tctgctcca      480
agagtaggaa aattactggt ctctctgcca gngagaancc tcttctggna ttacctttgc      540
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt      600
nctatnatgc cctactcatt tccagtcctt gaaanggccca ttcccacttn antannactt      660
attgctaacn tgaaatacac taaatgnnan ccttcatgaa nggtanggca anttaaagtc      720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn                      767

```

<210> 3168

<211> 754

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3168

tttggagntc	tttctttcta	atncttggt	actngntctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcggac	ccatcggagc	gtaacctgga	tctccgcagg	cctggcggag	120
gccggccacc	tggaggggca	ttgcttggtt	cgcttggtag	cagaggagct	tgagaatgtt	180
cgcattctac	cacatacagt	tctttacatg	gctgattcag	aaactttcat	tagtctggaa	240
gagtgtcgtg	gccataagag	agcaaggaaa	agaactagta	tggaaacagc	acttgccctt	300
gagaagctat	tccccaaaca	atgccaaagtc	cttgggattg	tgacccagg	aattgtagtg	360
actccaatgg	gatcaggtag	caatcgacct	catgaaatag	aaattggaga	atctgggtttt	420
gctttattat	tccctcaa	tgaagggaatn	aaaatacaac	cctttcattt	tattaaggat	480
ccaaagaatt	taacattaga	aagacatcaa	cttactgaa	gtaggctctt	tagataaccc	540
ctgaacttcg	tgtgggtccct	tgtctttggn	tataaatgct	gtaagggtggn	agccantaat	600
tntctgcaan	aagtangnca	gcacttttca	gtgatttgaa	tatcatcttg	gcttngangc	660
cangtggaca	accttgtcat	aactgacttc	tgaaaagaac	cctntngata	tttgcagcct	720
cnggtgtngg	tggaactgtc	atttantngg	anna			754

<210> 3169
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3169

tctgnnctnt	gtntccttgc	tcgtgttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggactgga	gaagtcagaa	gtagaaaagc	agattgctag	gagagacagg	atgacagatt	120
ttggtcagaa	aatgggatat	tggagttaa	agtatcaaat	acagaatagt	tccagatgtt	180
cagagatcca	gcatgggatt	aggtactgaa	atggattaga	actaaaagtc	actagaattt	240
agaaattgag	aaccatgaga	gtggatgcaa	tgacttggtg	cttgattgaa	aaataaatta	300
ataataataa	aggaccatga	gactagcctg	ttataggggt	tatctccatg	aacattgaat	360
tttcccagga	tcatagcagg	aattgggtag	agaaaaagat	tatgagaagg	tgccagagtc	420
ttcagtgaat	gtcaggaaat	taccaggaag	tcagcatatg	acagagaaaa	ggacagtatg	480
ttatctgcat	caaaggaaaa	tgtgcttttg	ttgaaaagta	cagaaaaagc	caatactaca	540
atactgtgct	aagcccctac	ctgtactcct	ctcccacagc	tgcatccag	ccctgtggta	600
taaaagggtg	gagaatgagc	ttttccacca	gaatcagcag	gtttagttaa	agcatgagca	660
gaacaagcat	nctatgaaga	gactgaggat	gtagggtgagt	ggtctaaatc	tcatnnaagg	720
acattgcagt	ngat					734

<210> 3170
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)

<223> n = A,T,C or G

<400> 3170

```

gaantccttn nntttnaaat cnttggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gatctagata ttgccaatc gctgccaca gtgcacatac ctttccacca      120
gtcacatgtg agagggcaga ttttccaaat gctcatcacc acttggcact gtgtggacta      180
taattttggc cagttaggaa atggcatctc attgttttca tcttaatttg cgtcagcctg      240
attactcatt gaaacttgtg aggttgagaa acttttctta agcttattgg ccattcaagt      300
ttctcctttt atgaaatggg tggtcatgtc atttgctcat ttttataatta gattgttttt      360
cttttttcca gctgacttgt aggaactcta catcttatca atattaatca tttatcgaaa      420
actatttggg tgccattatc ttctcctagt caatgttttt tgtttgtgat atcttttata      480
atatataagt ttttaatggt ggcagaagta aagttaatct ttttggctgt gttgtgtgtc      540
ttgtttgatg taaagatagt ttctgtaata gttttgcagt ttgattgggc atcttttaggt      600
cttcaattac aacctgcaca ttcattccctc tatctctctt cttactctgg ttttctccat      660
agcacttatc atccaataat atggcatgca cttatttaat ctggtttgca tatataatttt      720
ngctggtagc                                     730

```

<210> 3171

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3171

```

nggnttcnnt ctaactnaaa cngttnggna actcncctct ntctgtngat cccatcgatt      60
cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat      120
gtttgtatat actgtattct agccagaata attttagatc tgatcaggta gtagctaaaa      180
ttagaaaaaa acaaaataga tgcttaaaga atttgcatcc atttttgagt ctaaattctt      240
taaaatatac tgagatccac atctagttaa atgtcagtggt caaaatatta tagattatag      300
ctaaaatcca gattaatact catttggggg tttttatagt ggaacttcat agtaatacaa      360
aaagcagatt gtcttctgtg ctccgctgct cccacagtag gtattgaaac tggtaaaatc      420
agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt      480
caacacattg attgaacact ctggcaaaga tgctgtgggt gatgangttg gagttcgaaa      540
agaagaagca agcgttggcc tgcttgaaa gaacccgaaa gtctttccca ttcacttctc      600
tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt      660
ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt      720
gtggaattca acatcttggg tgggacncat tggcttt                                     757

```

<210> 3172

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3172

```

cnaatncttg ctcttgnctt ntttcnaatn cttggcnact cgctttctnt gcggatccct      60
cnnganncna tcgttcgaat tcggcacgag cacaaggaga agaaagttaa ttaacattga      120
aagatgagaa gacatcttgg aagacttgaa ttgggccttg gaagaagaac agccattcaa      180

```

atagatagaa	ttgtggtagc	aaaggcatac	ngntcggaaa	gtatagatct	ccagggacag	240
tagtcatggg	gttggggcac	tggtggaatt	taaggttggg	aggatatatt	ggagcccctt	300
gaatacggta	acaaggcaca	ccttggggcag	tggagagtta	tcagagtgtt	tgaaaaggag	360
ggttattgag	taaataaata	gactggtact	ttaggaattt	taaaatgtgg	atcattgtac	420
tactaataac	tatntathtt	atatttacta	tctactaagt	aattttacatg	tattttcttg	480
tactgactgt	aaaccttctg	ggtgtgggtg	ttttaagtgc	cattttactg	ataaagaaac	540
tgangcttaa	atagntgaaa	tanntcacc	tgtagtgag	tggcacaatg	acaagtcann	600
atcttanggt	tgccnanntc	caaaanncat	ttaaanttnn	agnatnattg	annnttttnc	660
cttatggcnt	nnnaaatttg	gggagccatt	attgaaatcc	nttacnacnt	angaattgnc	720
caaaaaaat	actttttggg	gaaaactgga	tttattaatt	atccaaaata	atttnantgg	780
cttgnttggc	ttntttccac	tntnc				805

<210> 3173

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (886)

<223> n = A,T,C or G

<400> 3173

cggnnnnnnn	gnagccentt	tggnaaangc	ctctaaggga	aangcctttt	tgaaaacnan	60
angaaaacct	ntgggaaaag	nccncannna	ttttngngaa	annggcnnga	gcnnanantn	120
ggacacngtt	ntaannnnan	nagngnnngt	tttnnganan	agggnnnnna	gnggnannna	180
ngngnnggag	ggaannaagg	nanagnannn	ggnagnnaag	gnnnnaaaga	agnagnnang	240
gaganggnnn	gngngggggc	atgangnggg	nncagaggca	cgaggagccc	aagaccatca	300
cngangagna	ngagcagggn	accnacatnn	acnnggacna	cgagaagnng	ggccagcgga	360
agaagggaagg	nagnacctng	agnaccgnta	ccaggaggan	cgggaccnac	agngacanag	420
gnccnnnncn	anacggannn	nanaaaacng	aagcaggann	nnnanggacc	aagggaaggg	480
nncngnnccn	ggaaaganng	ggagggaggn	ncgaaggcaa	aggggggann	cgnnannncc	540
aggaagnang	gaaggggggn	cgggaggnna	annganaaga	ngaaccnngg	gggnncaggg	600
gggcgagggg	agcanaannn	nnccnnagnc	aanngaaggg	gananaagag	ngggaaaann	660
aannagaaag	agggaaaana	agnnaaggaa	anaaaagang	ngnnaannng	gganaaaana	720
ngngganann	gnngganana	ngngnannan	aaaannngagg	aggncannng	gnaaanaana	780
nggggagggg	nganananag	ngaannagac	aaggaanagn	gaannagnng	anagnannng	840
gnannaaagg	nannggggna	anaagnanna	nannnnnagn	gaagan		886

<210> 3174

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3174

gcttttnann	nccctncttt	cnaancctct	tcaaatecctt	ggntatcggt	ctntctgnng	60
gateccatcg	attcgaattc	ggcacgagag	acaaagaaaa	aggtggcaat	catagaagag	120
ttagtagtag	gttatgaaac	ctctctaaaa	agctgccggg	tatttaaccc	caatgatgat	180
ggaaaggagg	aaccaccaac	cacattactt	tgggtccnnt	notacttggc	acaacattat	240
gacaaaattg	gtcagccatc	tattgctttg	gagtacataa	atactgctat	tgaaagtaca	300
cctacattaa	tagaactctt	tctcgtgaaa	gctaaaatct	ataagcatgc	tggaaatatt	360

aaagaagctg	caaggtggat	ggatgaggcc	caggccttgg	acacagcaga	cagattttatc	420
aactccaaat	gtgcaaaata	catgctaaaa	gccaacctga	ttaaagaagc	tgaagaaatg	480
tgctcaaagt	ttacaaggga	aggaacatca	gcggtagaga	atttgaatga	aatgcagtgc	540
atgtggttcc	aaacagaatg	tgcccaggct	tataaagcaa	tgaataaatt	tggtgaagca	600
cttaagaaat	gtcatgagat	tgagagacat	tttataggaa	atcactgatg	accagtttga	660
ctttcataca	tactggatga	aggaagatta	cccttagatc	atatgtggac	ttattnaaac	720
tatgaagatg	tacttttnaca	gcattncattt	tacttcaagg	cagcaagaat	tgctttttaga	780
c						781

<210> 3175

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3175

gnttttnnatn	cctcttttcta	atnncttggc	tactcgntct	ntctgnanga	tcccatcgat	60
tcgaattcgg	cacgagagat	tatgagcatg	tagaagatga	aacttttctc	cctttccac	120
ctccagcctc	tccagagaga	caagatgggtg	aaggaactga	gcctgatgaa	gagtcaggaa	180
atggagcacc	tgttcctgta	cctcccgcgc	ccgaacagtt	aaaagaaata	tacccaagct	240
ggatgctcag	agattaattt	cagagagagg	acttccagcc	ttaaggcatg	tatttgataa	300
ggcaaaattc	aaaggtaaaag	gtcatgaggc	tgaagacttg	aagatgctaa	tcagacacat	360
ggagcactgg	gcacataggc	tattccctaa	actgcagttt	gaggatttta	ttgacagagt	420
tgaataacctg	ggaagtaaaa	aggaagttca	nacctgttta	aaacgaattc	gacttgatct	480
ccctatttta	catgaagatt	tttgtttagca	ataatgatga	agttgcggag	aataatgaac	540
atgatgtcnc	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	600
ttgcttcttg	agttaagtag	aagcctaaca	gaaggagcca	accacaaaga	attgagagaa	660
atnaacaact	gggccttngg	aaagaaangc	nggccaaagct	gcttgagtaa	tagtcaganc	720
ctanggaat	gatntgggta	atgaattcac	cccaggncac	acccngttga	agagc	775

<210> 3176

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3176

tgntttcta	gctngctctc	gttctttctg	caggatccca	tctattcgaa	ttgatgagcc	60
ttattaacta	tcttttcatt	atgagacaaa	ggttctgatt	atgcctactg	gttgaaattt	120
tttaattctag	tcaagaagga	aaatttgatg	aggaaggaag	gaatggatat	cttcagaagg	180
gcttcgccta	agctggaaca	tgatagatt	ccatttctaac	ataaagatct	ttaagttcaa	240
atatagatga	gttgactggg	agatttggtg	gtagttgctt	tctcgggata	taagaagcaa	300
aatcaactgc	tacaagtaaa	gaggggatgg	ggaagggtgt	gcacatttaa	agagagaaag	360
tgtgaaaaag	cctaattgtg	ggaatgcaca	ggtttcacca	gatcagatga	tgtctgggta	420
ttctgtaaa	tatagtttct	tatcccagaa	attactgcct	tcaccatccc	taatatcttc	480
taattgggat	catataatga	cccactcttt	cttatgttat	ccaaacagtt	atgtggcatt	540
tagtaatggg	aatgtacatg	ggaatttccc	actgacttac	ctttctgtcc	ttgggaagct	600
taaactctga	atcttctcat	ctgttnaaat	gtgnattaaa	gtatctacct	aactgagtng	660

tgantgtant gaaagaaagg ncatatntta aacnttgaat ttancaagcc cacnctcgna 720
 ttttatgncc tttcttttgc ctngggattg aanc 754

<210> 3177
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (743)
 <223> n = A,T,C or G

<400> 3177
 tannnnnttnc tntannnttt ctgangeccct tntgcaggat cccatcgatt cgaattcggc 60
 acgaggagat ctctgggatg tcagtgaggc tggttgaaga ccagaggtaa actgcagagg 120
 tcaccacccc caccatgtcc cagggtgatgt ccagcccact gctggcagga ggccatgctg 180
 tcagcttggc gccttgtgat gagcccagga ggaccctgca cccagcacc agccccagcc 240
 tgccacccca gtgttcttac tacaccacgg aaggctgggg agcccaggcc ctgatggccc 300
 ccgtgccctg catggggccc cctggccgac tccagcaagc cccacagggt gaggccaaag 360
 ccacctgctt cctgccgtcc cctgggtgaga aggccttggg gaccccagag gaccttgact 420
 cctacattga cttctcactg gagagcctca atcagatgat cctggaactg gacccacact 480
 tccaactgct tccccangg actgggggct cccangctga nctggcccag agcaccatgt 540
 caatgagaaa gaaggaggaa tctgaacctt gggtaaggat ttggggcaca gtaccaggaa 600
 gggggccttg tgccagacct tatgaggaag aaggattttc ctatgtacag agaangggac 660
 cctgtntctgt tgggaagtgc ttgtgcaaac ctaaccaagt tactaaccct tctgntttct 720
 gtgctacaca aaggggataa att 743

<210> 3178
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (786)
 <223> n = A,T,C or G

<400> 3178
 gatgtttnnn annctgggtc taatncttgg aaanctncnn ctttgttann ngenntttct 60
 gcaggatccc atcgattcga attcggcacg agcccagctg gacctgggtg ccccttcccta 120
 gtgcctctgc tgggggagga gaacctctgt ccacgtggag gctaggaggt ctcagggtgt 180
 gccctggcag caccagagtg tgggcccggc ccgagtgtct gcccctcggc cctcagggtg 240
 gggcacttag caccagaag ggaccaaag cagggcatgg cgggtgcagag gagtttggga 300
 ggtgtaaaca gcccacatgca cgtggaggag gagctggctt tcagccccag accccacgt 360
 agcactttcc acgtgcttg cccgtgttg atgtgcagtt cccagtgcct gtgtgagccg 420
 acatctgctc agtcctatcc ctctgcagcg tgtggagacc cagctcctgc aagcccttct 480
 gcttccacgc cccagacag cttgggtggag ggtcctgcat ctgggccaag ctgggggtgca 540
 cccagccaaa gacaaagctg ccttcacgtg cccaaaggat tcaagatggt gactggccc 600
 cgggaggagt cttgacaaa aatgggagcc cgtcttctgt gggaaanccc cgaactcccc 660
 caccnanaaa ccgntccac ggtgccggan ctccccctt ttcctttgtg ggggcaacaa 720
 nattggcctt gggcncttcc aattnttncg gaagctttcc tgggtgtngg cttttgacct 780
 taaaat 786

<210> 3179
 <211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3179

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gttgaantcc ttcccttcaaa atngcttggc tactcgntct ntntgcagga tcccatcgat      60
tcgaattcgg cactgagccca catgtaccag gttgagtttg aagatggatc ccagatagca      120
atgaagagag aggacatcta cacttttagat gaagagttac ccaagagagt gaaagctcga      180
ttttccacag cctctgacat gcgatttgaa gacacgtttt atggagcaga cattatccaa      240
ggggagagaa agagacaaaag agtgctgagc tccaggttta agaatgaata tgtggccgac      300
cctgtatacc gcactttttt gaagagctct ttccagaaga agtgccagaa gagacagtag      360
tctgcataca tcgctgcagg ccacagagca gcttgggttg gaagagagaa gatgaaggga      420
catccttggg gctgtgccgt gagttttgct ggcatangtg acaggggttg tctctgacag      480
tggtaaatcg ggtttccaga gtttggtcac caaaaataca aaatacaccc aatgaattgg      540
acgcagcaat ctgaaatcat ctctagtctt gctttccttg tgagcagttg tctttctatg      600
atcccccagg aagtttttct aaagtnaaaa ggaaaattcc tagtggaatt cancccccaa      660
gggaaaaaag cccacttgnc cacannagga agccnggntn ccccttngtt ccggcctaan      720
ggccccctgt tcaggaaacc aactgggggg ancttntttt ttttn                      765

```

<210> 3180

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3180

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agttgaantn cttgctacnn aaaacctttg gcnactngct cttntnagnag gatcccatcg      60
attcgcaaaag atggtcgtat tactaaaggt gaataaccag cgcggnnngc acgtggagtc      120
actggaacat ttgtgcaatg ctggtgggaa tgtcaaccgc tgcggccctc tgggaataagc      180
ctggcagctc ctccaagagt taccngtga cccancaatt ccactcctag ctccaccac      240
aggaattgaa agcaaanacg caaacagatg cctgtncacc aaagtccacg gcagcatnct      300
tcgncatagt ggcagcatcc gtcgtcacag cggcatcatc ctcatcata gcggcagcat      360
ccgtcgtcac aagcggcagc atccttcgcc acagnggcan gcactctgtc tcacancggn      420
agcatccttc gacaaagcgg cagcatnctt cgtnatagcn gcagcatcct ttgccatanc      480
cggcaaggtg gaaaccctgt ccatccactg aggcgtgcat agactaaaca tgggcagtcc      540
agcactggaa ttccaagccg tacaacggng nccacngtca aaaangaatg aggaccctga      600
ngcacctgng cnganaacaa gaacnngcga nnccaanact ttnagacat tattgcctta      660
agtnaaaaa cccagngcac caacgggaaa ccngaccgnc ntgnanccct gnttaacntt      720
nantnngttt cccgaaaatg ggggcacntt nccaaaaagg ggaataaaaag gggagaattt      780
cct                                              783

```

<210> 3181

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3181

gntttgaaat	nccnttnntt	caaattncng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagna	atgcaaaggg	ctgcagttct	cattcaggct	actttcagga	120
tgcacagaac	atatattaca	tttcagactt	ggaaacatgc	ttcaattcta	attcagcaac	180
attatcgaac	atatagagct	gcaaaattgc	aaagagaaaa	ttatatcaga	caatggcatt	240
ctgctgtggt	tattcaggct	gcatataaag	gaatgaaagc	aagacaactt	ttaagggaaa	300
aacacaaaagc	ttctattgta	atacaaggca	cctacagaat	gtataggcag	tattgtttct	360
acaaaaagct	tcagtgggct	acaaaaatca	tacaagaaaa	atatagagca	aataaaaaaga	420
aacagaaaagt	atttcaacac	aatgaactta	agaaagagac	ttgtgttcag	gcagggtttc	480
aggacatgaa	cataaaaaaa	cagattcagg	aacagcacca	ggctgccatt	attattcaga	540
agcattgtaa	agccttttaa	ataaggaagc	attatctcca	cattagagca	acagtagttt	600
ctattcaaag	aagatacaga	aaactaactg	cagtgcgtcc	ccaacaagtt	atttgtatac	660
agtcttatta	cagangcttt	aaagttccaa	aaggatattc	aaaaatatgc	caccgggctt	720
gccacactta	attcagncat	tctatcnaat	gccccagggc			760

<210> 3182

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3182

ggnnntnnna	gnntttgaan	tccttttntt	tctaattcta	ggctttctngt	tctttttgca	60
ggatcccatc	gattcgctca	gctgaggcaa	ttaaactgga	aaagaaatag	attgaaaaga	120
tactacagaa	gaagcagtac	agaagttggg	ggactgaagg	agagggagcc	actgcagggtg	180
ctagctgctt	aaggggatac	cagtcctttt	acagatataa	tagatacagc	ttctgagggtg	240
gaggggtgata	ggagtgtgta	gagaaattgc	agttcagaac	tggagcatgc	agttaggcaa	300
gaggcatccc	atgtgaagat	gtcaagcaag	tactggaaaa	tgctgaacta	aaactcaggg	360
atggatatgt	agatttagag	aacttcattg	tagaggcagt	cattgaaagc	taaaagggct	420
gataataaaa	ttgccaaagga	tggaaatagt	aagagggagt	cagtgttatt	aggattagaa	480
ttctgttttg	ttttttcttt	aaacagattc	tcgctctgtc	accctggctg	gagtgaagtg	540
gtgtgatctc	ggctcactgc	ggcctcgacc	tcacaggctc	aagttatcct	cccaactctc	600
agccttccaa	gtagctggga	ccacagccat	tcaaacacat	gcctgcctta	tgtttggtatt	660
tttttgtana	aaccaagggt	ttgccatgtt	tnccaggctg	gnctnngaac	ttctgggctt	720
aagccattcc	cccacccttg	ggtctcccaa	aatgctngcc	attatangg		769

<210> 3183

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3183

tgnttttaat	cnttctaatt	cttggtcttt	gttctttttg	caggatccct	cgattcgaat	60
tcggcacgag	gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	120

```

agaacacag aacaagtttg ccttctccta tgttttccag aaatgacttc agtatctgga      180
gcacccctcag aaaatgtatt ggaatggaac tatccaagat cacgatgcca gttatatatta      240
atgagcctct gagcttccta cagcgccctaa ctgaatacat ggagcactact tacctcatcc      300
acaaggccag ttcactctct gatcctgttg aaaggatgca gtgtgtagct gcgtttgctg      360
tatctgctgt tgcttctcag tgggaacgga ctggaaaacc tttcaacca ctgctgggag      420
agacttatga attagtgcga gatgaccttg gatttagact catctccgaa caggctcagcc      480
atcaccacc aatcagtgc tttcatgctg aaggattaaa caatgacttc atctttcatg      540
gctctatcta tcccaactg aaattctggg ggaagagtgt agaacagaac ccaaaggaac      600
catcaccttg gagctncttg aacacaatga ggcataatac tggacaaatc cacctgctgt      660
gtgcataata tcattgnggg taaactgttg atcgaacagt ntggcaatgt ggaaattnta      720
accncagact ggggacaaat ntgtgttg      748

```

<210> 3184

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3184

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ntgctttcna atctttntaa atgccttttg cttctcgntc tttctgcagg atcccatoga      60
ttcgaattcg gcacgagaaa aagtaaagct tttcatgagc acaaatnctt tgcattgttt      120
gatgttactg atattcgtaa aatgaatatt ttttgttttg ttttgtttta tttttttgag      180
acaagtcttg ctttgttgcc caggctggag tgcaatggca tgatcttggc tcaactgcaac      240
ccctgccttg cgagttcaag tgattcttct gcctcagcct cctgagtagc tgggattaca      300
ggcgctcacc accacacca gctaatttct gtatttttag tagacacagg gttttaccat      360
gttggccagg ctggtctcaa actcctgacc tcaaactcct cacacctgta atctcagcac      420
tttgggaggc tgaggtggaa ggatcacttg aagccagagt ttgagaccag cctgtgcaac      480
acagcaagac cccgtctcta caaaaactta aaaaattagc tggctgtggt gttgctcacc      540
catagtcca gctactcggg aagctgagca ntaagatcac ttgagccan gaggccnatg      600
cttncantga actgtgattg tttccantac agnccacctg ggtgacanag taaanaaaan      660
gaaacattac ataatttggc tagagcataa taaattgatt tctgggttnt gaaattnnag      720
ttgccataaa aggnntttna atngncnant tcant      755

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<210> 3185

<211> 1009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1009)

<223> n = A,T,C or G

<400> 3185

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agcntttttt ngaanttccc ctttnnttna aaaatccctt tttttggcaa aaaattnccc      60
ccntntntna nngtttttnn gatnccca tncngnaatn tncgggcncg ggnnactgnc      120
nannggcnc cttcgggggn ccngtgntaa gncnatnctt gtntntanaa agntggnnnt      180
nttttnegat ngngactatt gncnacnctc ttcctntttg gcagnngtgc tgganggttg      240
nggtngctca tntggntaan ccnatcctgg ngaccaanng gccgnggtgn gcntgcaagc      300
tttgncacn tgggaaancc gnnagtggtn gtctcanttg cntgntgggn ncntgncccc      360
atcttgncct ctgnancctt ggggagcagg nncnnggtng tggtnctgcc tgcttgctgc      420
tngttccccg ggcacgctn nncannaagg gncatgcntn gggcaanaag gtgcgtggnc      480

```

```

ancgtnnngna tnnnnaggac caccntgggt cgngaatcnn tgggttncct gataggaacc      540
ntnaannnct  gcngntttta ttaaattggga nnanangggg ncanttcaaa gccagtnnaa      600
tgcccttatg  gaangngtg  natnacatan cnnntatgt  gtcttanann angaaatcgt      660
tnnncaaatt  tnnacaanaa tntttntaan aaaggggtatt tnantntngg tgaaanaaca      720
angntttaaa  gtnaaatgnt  tntancanaa ttaantaaac nggtnttnat gattncttac      780
naaantaacn  atncnnaagc  atttacngct tanangtccn cnggatactn ncanaaatg      840
gnnnnaattn  tannanattg  cgataatctn gnananactn tcatnnnnna tngtgtaatc      900
antanntacn  tgatttnnnt  naaatgaaaa catntgatnc aagattaatn cattanntat      960
acnaaaatnt  tcanatanta  natntacata taatgggttc naataaacn      1009

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<210> 3186

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3186

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cggatnnctg  nagganngat  ngtaganancn  tegtctnccc  tntgagnaag  gngnggcgaa      60
ntcggcacga  ggacccaggt  agaccagctc  annagnnnntt  tttctttgtc  atcctcctgt      120
gagctctctg  naagtctctt  tcttgcccat  caccacatcc  ctagtactgg  gtatcagtc      180
ggccacttgg  ctttctggtt  tgccccaatg  tggntctattc  ttgatgcagc  taccaaagta      240
atgttttaaa  accatnatac  caagttacta  tccttgcaaa  acccccagta  actgccaatc      300
tcacttagaa  taaaatccgg  actcctgtga  agcacacata  actggggccac  tgnctatgca      360
gcaacctcat  ctttaccgtt  tcctgccttg  ctcaactccct  ttcaagcgcc  gntattcttc      420
ctgatgccct  agtacacaac  aactccttct  gcttcaaaga  gtangaaaat  tactggntct      480
tctgccagtg  agantccnct  tctgggnatta  cccttgctnc  aattgctgaa  acttctncaa      540
atatcaacct  tctaaaaaag  agccctttta  aaaacaccct  tttctaatat  ggcccctact      600
caaatttcca  agtcccctgg  naattggggc  caatttcccc  caactttcaa  taagcaacct      660
taaatgggct  aatcctggaa  aattnacccc  cctaaaaang  gngcaancct  ttnaatggaa      720
nngggtagg  gccaaanttn  aattnggncc  tntngngnna  cctggggnaa  anggncccta      780
ggaaggaaac  ccaagccaan  cttggggcct  caaaaaannt  anggggcaac  cttcnaaana      840

```

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 3187

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gcgntnntat  tagcgtgggc  tcnacncanc  nngngctggn  cgaattcggg      60
acgagaatca  gaggaggctt  cttcatcctt  caactccatg  atgaactcct  atatgaagt      120
gcagaagaag  atgttgttca  ggtagctcag  attgtcaaga  atgaaatgga  aagtgtgta      180
aaactgtctg  tgaaattgaa  agtgaaagtg  aaaataggcg  ccagctgggg  agagctaaag      240
gactttgatg  tgtaactgtg  ctgttgatga  agtcctccca  gggaagcctg  tgcagatgca      300
gtcacctgga  aagaacagag  attccctttc  acctacctca  gcaaaacaaa  ctttcaagtc      360
ttgatagact  tagcctagta  attttatagt  gagagtttca  aactatatat  caagtgtcta      420
tagcatcaaa  aacttctggg  ggcggtgggg  aaagtagaat  accaagtata  atagttacat      480
tcactttcaa  agagcatcta  tgaatttgcc  ttttgtaact  tactgtggct  ttaaacatat      540

```

tcagaacaga	tgcttgaaat	atgcacttag	cacttttggt	ccacatctgt	ctgggtaa	600
catgaagaaa	atgaagctgc	tgccccaatc	ganccagac	agcagccata	ggcagataaa	660
gatttnggtt	cacccttggg	ggtgggaggc	atcgtgtgtg	cctttttttc	ctctaataatc	720
aattttacag	tccgggaan					739

<210> 3188

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3188

gnnnngcgtt	cnaattncgn	ggnttctttc	tngccnanna	nnannngcgt	gngngaattc	60
ggcacgagac	tggtcatcct	aagttccact	ataaacaggc	tcatgactcg	ggcacagaca	120
cttcttgctg	gactttttcc	tatgatggta	atgtccttgc	ctctcgtgga	ggtgacgatt	180
cattaaaatt	atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttc	240
ccaccatgtt	cccaatgact	gactgctgtt	tcagtccaga	tgataagctc	atagtcactg	300
gtacatctat	tcaaagagga	tgtggcagcg	gcaaacttgt	tttctttgag	cgtaggactt	360
tccaaagggt	gtatgaaata	gacatcacag	atgcgagtgt	tgttcgctgc	ctgtggcatc	420
caaagctgaa	ccagatcatg	gttggaactg	gaaatggatt	ggctaaagtc	tattacgacc	480
ccaacaagag	tcagagggga	gcaaaattat	gtgtgggttaa	aaccancgg	aaggcaaaac	540
aagctgagac	tctactcagg	actacatcat	caccctcat	gccttgcta	tgttcccggtg	600
agccccgnca	acggagtaca	aaggaaacag	ctggagaagg	acagactgga	tcctgaagt	660
cgcattaacc	tgaacctcct	gtancangcc	cangtcgtgg	tggccgattt	ggaaccacg	720
ggggcactnt	tttttctt					738

<210> 3189

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3189

tgggggnntnn	nttctaattgc	tgggatgttc	taaangntgg	gctactcggt	ctttccgcag	60
gancccntcg	attcgaattc	ggcacgagga	aagggtggcg	gcttctcacg	gctgagttgc	120
tgcgcctgca	gacggaagct	ccccacaggc	agagctgctt	ggatgtgtga	gtcatgaagc	180
cagagaagcc	ccgctccatg	agcagtgact	ccccaggccc	tgtgacctcc	ctcctgtctt	240
gcagctcctc	ctggcaccag	tccccagggc	tctcctgttg	gtagttcctg	cttttcttct	300
tggaaattcc	tcgtggacct	cgagatcttt	accctaaaat	agttctgttg	aatttcaccc	360
tggcaatgta	aattgatagc	ttatcttcac	agatgccaga	caatggacaa	ctcaccatca	420
gtcctctgct	cacctgagac	aaatgcatgt	ctgattgctt	cctctgccct	attgnttatg	480
tgaaaatgca	gattcactga	gccagactaa	ggcatcagtg	actgttcctc	tactgcctct	540
cacatggaga	ttgtgtattc	agtgaaggc	tgatcaaaga	cccaaaggga	atgcaccagt	600
ttatctctta	tctacctatg	acctgcgagc	tgncaccac	ccccagttgt	tgcgcctttc	660
cagacagaac	cagtgtcatc	ttacacgtat	taattggatg	tcctgngnct	tccttaatat	720
gtatcaaaac	aagctngcct	tgaacacctt	gggcacn			757

<210> 3190

<211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3190

gnngnnnnnnn tttctaagtc ttgggnnnnn ngtcnatgcn taagagccan gcgntcgaa	60
ttcggcacga ggcgggcccc gccagcggaa gccctgcgc ccgcgccatg tcaaagaaaa	120
aaaggactga gtgcagaaga aaagagaact cgcntgatgg aaatattttc tgaaacaaaa	180
gatgtatttc anttaaaaga cttggagaag attgctccca aagagaaagg ctttactgct	240
atgtcagtaa aagaagtcct tcaaagctta gttgatgatg gtatgggtga ctgtgagagg	300
atcggaaactt ctaattatta ttgggctttt ccaagtaaag ctcttcacgc aaggaaacat	360
aagttggagg ttctggaatc tcagttgtct gaggaagtc aaaagcatgc aagcctacag	420
aaaagcattg agaaagctaa aattggccga tgttgaaacg gaagagcgac caggcttagc	480
aaaagacttt cttcacttcg agaccaaang ggaacagcta aaggcagaag tagaaaaaat	540
ncaaagactg tgatcccgca agttgtngga agaaatcgcc aagcaaatna agtagcccaa	600
ggaactgctt acagatggac tgattacata ttcgcaataa aatcttnggc ccaaagaaaa	660
attnnggggt tgaaggaaaa ttaaattggg tngaaccttt tggaatttcc cgaagactt	720
ttgcctnct ngacttaaaa tatttccatg gnggtgaaag gttgtccaan ctt	773

<210> 3191
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3191

gnangnnngn ttcntagtgc ccgtgggagt cttagatncc ctaaaaaatt gntaatgctn	60
ggtcggcacg agtcaaggcc tacgaaacag gtgatgcact acccgggcta cggttcccc	120
atgcctggca gctnggccat gggcccggtc acgaacaaaa cgggcctgga cgctcgccc	180
ntggccgcag atacctccta ctaccagggg gtgtactccc ggccattat gaactcctct	240
taagaagacg acggcttcag gcccggtctaa ctttggcacc ccggatcgag gacaagtgag	300
agagcaagtg ggggtcgaga ctttggggag acggtgttgc agagacgcaa gggagaagaa	360
atccataaca cccccacccc aacaccccca agacagcaat cttcttcacc cgcttgcaac	420
ccgttccgtc ccaaacagag ggccacacag ataccacacg ttctatataa ggaggaaacc	480
gggaaaagaa tataaagtta aaaaaaaagc ctccggtttc cactactgng tagacttcct	540
gcttcttcaa cacctgcaga ttctgatttt tttgtgttg gttgttctct ccattgctgn	600
tggtgcangg aagtcttact taataaaaaa aaaattttgn gactgactcg gtgtaaaacc	660
atgttanttt taacagaacc nanaagggtt gncctatttg ttaaaaaaaa aaaaaaaa	720
aaacttngng cctttagaac tattanngag nccnatttac nttaatccan nct	773

<210> 3192
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3192

ttggantctt	ctcngaaacn	cttngcnatt	gcncntntctg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgcc	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggg	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttgggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaatctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atntagaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaagg	720
gtgttgcnc	cccttctttg	aaaaaacatt	ttct			754

<210> 3193

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (856)

<223> n = A,T,C or G

<400> 3193

tggtgcngt	tectattec	tgctntcgtn	ctnccnccagg	ancnangcgt	ntcgaattcg	60
gcacgaggaa	ggaggaccta	ggcacacaca	tatgggtggcc	acaccagga	gggtagtggg	120
gagtttagatt	tcagagtcca	ggccctaggt	tggtgacccac	tccaaataat	ctcctcggtg	180
tggtgtgtgg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	anaanaaaaa	300
aaaananaaa	aatnaaaaa	annanaaaaa	aaaaaaaaa	aannccctn	cncctaaaaa	360
nattcngggg	ggntttttcc	tccannccnn	ntntttaata	nnctnctnt	tgnttcttng	420
netcaccnnt	tcttttggt	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnncng	ttttttntnn	ttttttttcn	aaaccctect	ntnttanctc	ncgtntcnaa	540
aaantntttt	ntcncnnnn	nttnntntnt	netntttcta	ttttntnttc	ttntncaann	600
ttccnangtg	nnnngngtnt	nntgnggctt	gtttnttttt	ncnnccctngc	gtcatccnnc	660
caataatttc	ttnnccccc	nannccnnat	ttttntnnnc	ctctatntnn	gnngngnnat	720
atnantcccc	tttattnttn	atnantagtc	ntntnttttn	ttntccntng	tnatannatt	780
ttntntcccn	ntntaanttc	ctcannnnat	ttntntnnnc	ncgngntata	tttnangnta	840
nntcnnccgg	gttntct					856

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3194

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gtntngnnng nngttnnatt atatggntcg nctnnctcna nnancnangc ttgngctgac      60
aacttgattg ggttctcctt caggtttgaa ggcgcctcna gaagtgtcta aaggagacag      120
ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg      180
tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttggaactt      240
ctcagcctcc atattcatga actaagtttt ttggaatcctt aggcttccac gtgtggaaaag      300
cctgagctaa cctactggag gatgagccat cacctggagc agattcaggc catcctagtt      360
gaagcctccc taggccaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaac      420
attcagcaca aagacaaaac agaccagacc agaagagtcc cacagaatag gggaaactat      480
tcagagaaaa cttaagccac taagttttat ggtgttttgt tcttgtagcc agaagcatag      540
gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca      600
ttttttccct tgaaaacctg ggagccttgt attccatctt attagcagaa gatcactttc      660
accaatgggt tgggctcttg atttggaatt gatgatgtaa tgagcctnta ttcnanatgn      720
gacttaatac ctctgcgaat tgactggatt ccn                                     753

```

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3195

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cggatnncgt nagganngat ngtaganancn tcgctcnccc tntgagnaag ggngngcgaa      60
ntcggcacga ggaccaggt agaccagctc annagnnnntt tttctttgtc atcctcctgt      120
gagctctctg naagtctctt tcttgcccat caccacatcc ctagtactgg gtatcagtct      180
ggccacttgg ctttctggtt tgccccaatg tggncatttc ttgatgcagc taccaaagta      240
atgttttaaa accatnatac caagttacta tccttgcaaa acccccagta actgccaatc      300
tcacttagaa taaaatccgg actcctgtga agcacacata actggggccac tgnctatgca      360
gcaacctcat ctttaccgtt tctgccttg ctcactccct ttcaagcgcc gntattcttc      420
ctgatgccct agtacacaac aactccttct gcttcaaaga gtangaaaat tactggnctc      480
tctgccagtg agantccnct tctgggnatta cccttgctnc aattgctgaa acttctncaa      540
atatcaacct tctaaaaaag agccctttta aaaacacctt tttctaatat ggcccctact      600
caaatttcca agtccccctg naattggggc caatttcccc caactttcaa taagcaacct      660
taaatgggct aatcctggaa aattnacccc ctaaaaaang gngcaancct ttnaatggaa      720
nngggtaagg gccaaanttn aattnggncc tntngngnna cctggggnaa anggncccta      780
ggaaggaaac ccaagccaan cttggggctt caaaaaannt anggggcaac cttcnaaana      840

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<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3196

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cggatnncgt nagganngat ngtaganancn tcgctcnccc tntgagnaag ggngngcgaa      60
ntcggcacga ggaccaggt agaccagctc annagnnnntt tttctttgtc atcctcctgt      120
gagctctctg naagtctctt tcttgcccat caccacatcc ctagtactgg gtatcagtct      180
ggccacttgg ctttctggtt tgccccaatg tggncatttc ttgatgcagc taccaaagta      240
atgttttaaa accatnatac caagttacta tccttgcaaa acccccagta actgccaatc      300

```


tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actggggccac	tgncatgca	360
gcaacctcat	ctttaccgtt	tctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactgggctc	480
tctgccagt	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccccctact	600
caaatttcca	agtcccctgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aatnnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (833)

<223> n = A,T,C or G

<400> 3197

atccngttct	ntannnngtc	tngtttcttc	tncaagatcn	nntgcgattc	gaattcggca	60
cgaggggtcc	tggtgggagt	tccatccagc	agtgagtga	ttttttcccc	agagcagtta	120
agggtcttat	taaaagccac	cactttgctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgtccntact	gggaggtttg	240
gggttgacct	tggtccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgcc	ttccccctgca	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttgggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaatt	cctgcttggg	ggcccaggcc	540
ttctttttca	agggtctgct	tgtgaatgcc	caacccaaaa	aaaggggccc	ccaaggccca	600
atcccttact	tctnnggtcc	ccccaaaaag	ggatnccaan	ttggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnaccaa	ccccaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaacccnn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaac	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggtc	ctttccnacy	naggatccca	tcgattcgcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctcccac	ctcggcctcc	caaagtgcctg	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttggtgga	atcttttaggg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaca	gagataattt	tacttntccc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccata	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gcctttttacc	360
attgaggatg	atgtttgctg	ttagtttttc	ataaatgata	tatatcaggc	tgaataaatt	420
tctatttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agcctttaaa	actatagnga	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540

gagtttggca	aaccacactn	naatgcagtg	aaaaaaatgc	tttattttgng	aaatttggga	600
tgctattgct	taatttgnaa	cccttttaag	ctgnaataaa	caagttaaca	acaccaatgg	660
attcatttat	ngttcangtt	cagggggagg	tntngnaggg	tttttaattc	cgggccnng	720
gnccaaanca	ttt					733

<210> 3199

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3199

nagttaanag	taggtcttgt	cttttgcaag	atcntancca	ttcgaattcg	gcacgagtat	60
ataacaactt	ttgctttcaa	agttgggtgg	gactagancn	cncantggaa	ggntggagtc	120
agganacctg	gattnttgng	cccgntntgg	nttttacagt	ntgcctaant	ttntgcagtn	180
acttcntgcc	ancctgtttc	nttaentnca	anagggaaag	acantccttg	gccagcctag	240
ttttnagggg	gaacgaaagg	tcnttntcac	tgcttctctt	agtcatttgc	ttcttcgnta	300
attaacacat	cttgagcacc	tgcnatgttc	caggaacagg	agatggcanc	gtgcaagata	360
aagtccttga	cttctagaga	ctgcatgtta	gtggcaatcg	gcgtntaccc	ggcctttaat	420
aaactactga	atgaaggaaa	attctaccta	caccagacac	aattactggg	gtttctaaaa	480
tggaattatt	cccccgccc	cntgcatcca	gcagcctgnt	gcagggaaac	tcctccnaaa	540
ggcttgtaag	gcaaggaanc	cgggacaatg	gcntggctat	ttaagcttnc	aacaagatgg	600
ttacccttaa	gtncctaatt	ccctaacacc	aagggggccc	tttaccagga	aacccaaacc	660
aggttaaaaa	accccaaagt	tgggnaaaaa	gccatttgcc	anccggggcc	nttttaaaaa	720
aaaccttttna	aaaacctttc	ccttttaaaa	ctttaccttc	aagntaaaaa	tttaagggga	780
atgggnccaa	nttttttaac	canccecaaa	aaaaanttng	gnaatttttt	ttcccnaaat	840
tttttnaant	tccccaaatt	tnggaaaang				870

<210> 3200

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3200

nagtttaann	gtatgtcttg	tctttttcaa	gatcctatcc	gattcgaatt	cggcacgaga	60
agtgtcagtt	ttcctaattct	cagtccaggt	aggatttaaa	aantntctca	agtgttgatg	120
ctntccaagc	ntggtggggg	ggaaggggaat	tggtgcccag	aaaatgggac	tgagtgagg	180
aatatctttt	cttttgagag	tncccccagt	taattntnnc	tgtgcttnat	tgctnctgtt	240
ctttattgtg	aatgttgtaa	cattttaaaa	atgttttgcc	ntagcttttt	aggacttggg	300
gttaaaggag	ccagtgggtct	ctctgggtgg	gtntctataat	gagttattgt	gacccacagc	360
ttgtgtggga	ccacatcact	tgtaataaac	acaaccttta	aagtaacca	tcttccaggg	420
gggttccttc	atgttgccac	tcctttttta	nggacaaact	caggcaagga	gcatgttttt	480
tngtnattta	caaaatctan	cagactgtgg	gtatccatat	ttnaattgtc	gggtgacaca	540
tggtcttggt	aactaaactc	aaatatgtct	ttctcatata	tgtgctgatg	gttttaataa	600
atgtcaaagt	tctcctgtta	aaaaaaaaaa	aaaaaaaaac	tcgagccttt	anaactntnt	660
gagtcgtnta	cntagatccn	gacatgataa	gatcatgatg	agtttggaca	accncactng	720
aagcagtgaa	aaa					733

<210> 3201
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3201
 gatgccgggt cctatgatgn gctctcggtt tcttaggagt tccaanactn ggctngcncg 60
 aggncttnta aatatatctn ggntttanta ggtgataagt nctgtcantt agtancatct 120
 gaaaaancag ctttgtcctg ggtgaaaaag gatgccaaaa ttgcctggaa aagagcagtg 180
 anaggagtcc gggagatgtg tgatgcntgt gaagcancat tgtttancat tcaactgggtc 240
 tgccaaaaat gtggatttgt ggtctgctta gattgttnca aggcaaagga aaggaagagt 300
 tctagagata aagaactata tgcttggatg aagtgtgtga agggacagcc tcatgatcac 360
 aaacntttta tgccaaccca aattatacct ggttctgttt tgacagatct tctagatgcc 420
 atgcacactc ttagggaaaa atatggtatt aaatcccatt gncattgtct aacaaacaga 480
 atttacaagt tggaaatttt cctncatgaa tgggtgtatct caagtttaca gaatgtctta 540
 atcacagtat aaaattctct gngcatgcct gagtctcagc gccaaaatcc tcttcgaag 600
 tctgagaaaa atggtggcag cnncccanana aagtgatgtt nggcnccaga ttaccaggtt 660
 aacttctctc agaatnccag tcaccactgn actggntagc anatcttgcc gagccaaaaa 720
 gccnaagng ggaaaaaaaa aaaaaaaa 748

<210> 3202
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3202
 ggnnnnngnn ngntnncggt cctattant caggngctcg nctntctcn annnancnng 60
 gcgtgtncga attcggcacg aggattttcg aaactcttca gctacttgcc cttttttatc 120
 tgaaaccatc ataccttctg aaagaaaaaa gcatacttcc attgacataa cagaagttag 180
 atggcccagc cttgatacag atggtccatg atatatatgg agagtggcat tgtgaagata 240
 acatcttttag atggtcatgc atacctctgc ctgccagat ctgagcatga atttacagta 300
 cattttttgt gtaaagttag ccagaagtca gactcatctg cagtgttggtc agaaacaaat 360
 aataaagccc caaaagataa actagttgaa aaaactggca aaatctgtat acgtggaaat 420
 ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480
 aaagaaactt taaagaagat gagttgtgta aatggaactg aagggagggg aagaactgcc 540
 ttgcctgggt acaaagcaca catgtgtata cacatgggtc aagcagtgct ggtctgtggc 600
 tgnctgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagttag 720
 tcgtattacg tagatncnna catgataa 748

<210> 3203
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3203

ctaaatgctt	tggganagnn	ncccccttga	ancctntnaa	atcctttggc	aanttgcnet	60
cnetgtngga	tcccatcgat	tcgaattcgg	cacgagagac	agggagaaga	gaggaagagg	120
gagctgcagg	tgccagaaga	gaacagggcg	gactctcagg	acgaaaagag	tcaaaccttt	180
ttgggaaaat	cagaggaagt	aactggaaaag	caagaagnca	nggtctaaag	gagaaagggg	240
tcccagtcag	cgggcaggag	gcgaaagagc	cagagagttg	ggatgggggc	aggctggggg	300
cagtgggaag	agcgaggagc	aggggaagagg	agaatgagca	tcatgggcct	tcaatgcccg	360
ctctgatagc	ccctgaggac	tctcctcact	gtgacctgtt	tccagggtgc	tcatatctcg	420
tgactcagat	tcccgggact	cagacagagt	ccagggtga	ggaactgtcc	ccgcagctc	480
tgtctccctt	gctagagccc	atcagatgct	ctcaccagcc	catttctcta	cngggctcct	540
ttttgactga	ggagtacact	gacaaggaaa	aacttctatc	agtactttga	tatgtcacag	600
tttcatgttt	atccagttca	atgtattttt	aaatttttcc	ttgagacttc	tttgactgat	660
agattattgt	gaagtgtgtt	tttaaaattt	ncaaattgtt	aagggtttt	catatctttc	720
ttaatgctga	tttccaattt	ggattcccta	caatgattct	gggattcatc	tgctctggac	780

<210> 3204
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3204

tcttttaaatg	cttttttncaa	gccttggttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactaccccg	gctacgggtc	ccccatgcct	ggcagcttgg	ccatggggccc	120
ggtcacgaac	aaaacggggc	tggacgcctc	gcccctggcc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggcccg	240
ctaactctgg	caccccgat	cgaggacaag	tgagagagca	agtgggggtc	gagactttgg	300
ggagacggtg	ttgcaagaga	cgcaaggagg	aagaaatcat	aacaccccca	ccnaaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgttgtt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacngnacc	cttaatgggt	tgtacntata	tgntttnaaa	acatgnnaan	aaatatattaa	720
tgtaaaggnn	ctgttnntaa	atntaaccac	ntanagaant	tnnaannnn	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3205

```

ttttaatacn tttttnaatn cttgcttncg ntccctttgca ggatcccatc gattcgaatt      60
cggcacgaga gcaattccac tctagctcc acccacaggt aattgaaagc aaagacgcaa      120
acagatgcct gtgcacaaaa gtccacggca gcatccttcg ccatagtggc agcatccgtc      180
gtcacagcgg natcatcctt catcatagcg gcagcatccg tcgtcacagc ggcagcatcc      240
ttcgccacag cggcagcatc tgtcgtcaca gnggcagcat ccttcgcca agcggcagca      300
tccttcgtca tagcggcagc atcctttgcc atagcggcaa ggtggaaacc ctgtccatcc      360
actgaggcgt gcatagacta aacatggcca gtccaggcac tggaatccag gccgtanaac      420
ggngcccacn gtcaaaaagga atgagaccct gatgactgg gcgacacaga cgggcgacac      480
agacttgagg acatcatgct aagtgaaaag ccaggcacac ggagcggacg ggggtgacct      540
gtcacgtga tgtgtcccga atgggcacnt tcagagggga agaanggaga tggcgcttga      600
cngtgnccgg gacnggggtt gggagcgacc ggttgttggg ttnggggttc tttctngggg      660
gaagggaaatg tttttgatat tggggccgtt tgggtgatnt ttgcattacc ctttgaatat      720
gcttanaacc cncatagaaat tgnnacactt tttaaatngn ttggaaatt      769

```

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

```

tgttctaata ctaggtntac tcgccttttg caggatctna tcgattcnaa ttcggcacga      60
ggggtcctgg tgggagtnnc atncagcagn ganngcattc tttccncaca ncagtnaacg      120
gtcttattaa nagccaccac tttntctgang cctgtacagg ccttgngngt tngnggaaca      180
gaaatnncgc aggcacttgt accttcaagn anggacttgt gcctnactgn naggggtggc      240
gttgaccttg gctcnacnga catacccant ctgacttnna acngcncgt ctnagcttac      300
gctagactgc acnnccaagn ttgcangcct nttntgnctt ccctgcattn accaatgaca      360
gtacgaccaa cagtcaanga aaagtgccaa gatatatcta tccattttct tctacacctg      420
tanattcctn actatgctca aactatgtgg ngcaangaan actggngnac attttttagtc      480
aatgatgctg acaattaatt actggtgngg ccaggcatat ntacacggct gcttgtgatg      540
ccaacnaaga acgggcccga gccatcctt actcctngnc cccaaanaga tccagtngna      600
atgggaagct gnnannacca acccaactnn tgatttacca ccaacnccaa anatcacgca      660
tgnnnacagc aaaacaacaa cncnatgcac ttaacaagna nccnaaaant naactcgngc      720
ctctaaaact attngggant cctttanct      749

```

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3207

```

gnatgncccg atttccttaa tgatgggggn nnnnngagcg anncttccga aanttccaat      60
annctggng ntcgcaactc nctcnanaca gnaaggncgn gggctttgct ctctccattc      120
caagttgntc tctgttctag aaagcagatg tagtagacat ctactgttgt tgctgaaca      180
gaatcccttt gtcccttttt tgntaaaagt actcatccct aatattcatt gtncgtggaag      240
gactgaaaat acagaactca caccatgatc ggccgggaca atcagattat ttcattccnc      300
agcaaacgga gatcganccg aaaagtggaa anatgagcnc ttctttggng ttggcatatg      360

```

```

gaccctgaga gaaagaactn tnattntttc tcttggactg caataaagta tagctgccta      420
aaatacgnnt cctgacactt ggaggnttgt ccacaatcgg ngaaataaaag gcgagaccgn      480
acactggatg aaaaaaanaa gnnnccngnn gaanaccac tnnnccannn nccnnnccnn      540
tncnccanng nnganccnnn tanccgnnan naggccnnng cnnnngcnnn nnnngccnnn      600
nnnnnnnggn aaaccnncnn gnnnnncnnn nnnnnnnncn nnnnnnnnnn nnnnnnnnnn      660
nnggnnctnn nnnnnnnnc cccnnncncc cnnncnccnn nggnaanncc nnnnnnnann      720
annnnngggn nnnnnnann cccnnnnnnn cnnnnncnnc cnnnnngggn nnnnnncnnn      780
nnnnnnnnnn ncnngngnnn acnnnnngnn nnnnccnnnn nnnnnncngg nnnnnncnnn      840
nnnncccc

```

848

<210> 3208

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3208

```

tgggnnnngn ccnaangcng gggannnggt ccccgttcca anactggaan ncttggcann      60
cgaactcgct cnannagnaa ggccgggnga attcggcacg aggcccgct ccatgagcag      120
tgactcccca gctcctcctg gcaccagtc ccagggctct cctgttggtta gttcctgctt      180
ttcttcttgg aaattcctcg tggacctoga gatctttacc ctaaaatagt tctgttgaat      240
ttcaccctgg caatgtaaat tgatagctta tcttcacaga tgccagacaa tggacaactc      300
accatcagtc ctctgctcac ctgagacaaa tgcattgtct attgcttctt ctgccctatt      360
ggntatgtga aaatgcagat tcaactgagc agactaaggc atcagtgact ggtcctctac      420
ctgcctctca catggagatt ggggtattcag tgaaaggctg atcaaagacc caaaggaatg      480
caacagttta tctcttatct acctatgacc tgcganctgc caccaccccc agntggngcg      540
cctttccaga cagaaccagt gtacatctta caggtattaa atngatgtcc cnggggctcc      600
cnaanangna tcaaacaagc ngggcctcga ccaccttggg cacatatccc nanggacatc      660
annctggagg ctngngncac tggcattggc cctnacccn ggcaaaataa accttctaaa      720
attggnaaaa aanaaanaa aaaaacctng nncctntna naacnntacg

```

770

<210> 3209

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3209

```

gtgatctttn tgagtggggg cctnctngc tctannanat aggttnggng ggctagcgat      60
ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt tctggagttc      120
gaatttcggc ccggacggaa agcttagata tgccaacaac agcaattaca aaaatgatgt      180
gatgatcaga aaagagctta tgtgcacaag agtgtaatgg aagaactgaa gagaattatt      240
gatgacagtg aaattacaaa agaagatgat gctttgtggc ctcccctgat agggttggcc      300
gacaggagct tgaaattgta attggagatg agcacatate ttttaccaca tcaaaaatag      360
gttctcttat tgatgtaaat caagtcaaag gatcctgaag gccttcgagt attttactat      420
ttggtacaag acttgaaatg ttagtcttct agtcttattg gattacactt caagattaaa      480
ccaattttaa ttgtatgttt tcaagctggg tgnatattta attaaagggg tgggaagggg      540
ttatttgtca ttacagtat tgggggttta tgaatgtgaa gcaacccaaa aaaatttnaa      600

```

tgtaaaactg	gaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn	660
ctgggttttg	aagtccccac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt	720
tctctat						727

<210> 3210

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3210

gnngctancc	tttcttatta	nnttgganct	ntnttctntc	tncangtanc	nnntgcnctg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaaaga	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggg	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gtagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaag	360
ccccaaaaga	taaactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aatttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgcca	gatcatgaaa	tccaaagaaa	480
ctttaaagaa	gatgagttgt	gtaaatggaa	ctgaaggagg	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctgggtctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgncttttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaaananana	aaaaaaactc	gagccctnta	naactntngt	gaggccnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3211

gtntngnnng	nggttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctaactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacttant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatcct	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atgttgaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3212

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3212

```

ngggtgnnnn nnttttcta nctgggggnc nntnnnnnnn ntttccta ncttaggnge      60
tcgttctttc tccangcagn nnngcgtttc ggcacagctc tccaatactc aggttaaatgc      120
tgaaaaatca tccaagacag ttattgcaag agtttaattt ttgaaaactg gctactgctc      180
tgtgtttaca gacgtgtgca gttgtaggca tgtagctaca ggacattttt aagggcccag      240
gatcggtttt tcccagggca agcagaagag aaaatgttgt atatgtcttt taccggcac      300
attccccctg cctaaatata agggctggag tctgcacggg acctattaga gtattttcca      360
caatgatgat gatttcagca gggatgacgt catcatcaca ttcagggcta ttttttcccc      420
cacaaccca agggcagggg ccactcttag ctaaatecct ccccgtagt gcaatagaac      480
cctctgggga gctcangaag ggggtgtgctg agttctataa tataagctgc catatatattt      540
gtagacaagt atggctcctc cgtatctcct ctctctagga gaggagtgtg aacaaggagc      600
ttagataaga cacccttaa acccattccc ttttcagga gacctacct tcacaggcac      660
aggtcccaa atgagaagtc tgctacctca tttctcatct ttttactaaa ctcaaangca      720
ntgacagcag tcagggacag acattcattt cttntacct tcc                                763

```

<210> 3213

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3213

```

gnagnnecgn ttcttatgat cgtggctnct cntctannng ttgtgtaatg ctnggtcnnc      60
angannnnnt gcanncgaa ttcggcacga aggggggttc ccaatagtag aaaagggtcc      120
ccattcctgc tcagcaccgc acctctctac cccccacag acacacatgc agacacacac      180
atgcagacaa cagcagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca      240
cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca      300
cgcagtcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac      360
atacacacac tggcccctgt ttttctgttg tgctactggg tgccagcaac tcggtatctn      420
ccaccttcca ctaaaacctg ggccttaatt tctctccctg cccacccct aaattcctga      480
tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcca      540
gcaggtccag ggcccacgtt ttaatttctt tttnaaaagc tttaggtctt ggccnggccc      600
ccggtgggtc acgccttggg agttcccagc atttttnggg aaggccnaag gccgggttgg      660
attcacaaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg      720
aacctggggc ttnttactng ggnaaattcc caaaaaaaaaa ttggccttgg gccnaagggt      780
gggcaagggc acccttgttg ggggtcccaa antttacct                                819

```

<210> 3214

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3214

```

gnagnnccggn ttcttatgat cgtggetnct cntctannngg ttgtgtaatg ctnggtcnnc      60
angannnnnt gcganncgaa ttcggcacga aggggggttc ccaatagtag aaaaggggtcc      120
ccatttctgc tcagcacgcg acctctctac cccccacag acacacatgc agacacacac      180
atgcagacaa cagcgagaca cacacatgca ggcactcaca tgcaggccca tgcacacaca      240
cgtgcacaca catgcagaga catgcagaca cgcaggcaca catgcacaca tgcaaagaca      300
cgcattgcagg cacacgcaga cgcacacaga gacacacatg cagatcacat gcacacacac      360
atacacacac tggccctgtg ttttctgtgg tgtcactggg tgccagcaac tcggtatctn      420
ccaccttcca ctaaaacctg ggcccttaatt tctctcccg tccccccct aaattcctga      480
tggatgaacc tagagctgtc ctgtccactc caggccggac tgacgtancc tatgggcccc      540
gcaggtccag ggcccaagtt ttaatttctt tttnaaaagc tttaggtctt ggccngggccg      600
ccggttggttc acgccttggg agttccagc atttttnggg aaggccnaag gccgggttgg      660
attcacaaag gtcaagcaag tttcaaggaa ccaagccttg aaccaggcca ttgggtgagg      720
aaccctgggc ttnttactng ggnaaattcc caaaaaaaaa ttggccttgg gccnaaggg      780
gggcaagggc acccttggtg gggtccccaa antttacct      819

```

<210> 3215

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 3215

```

nggnnnntnn nnnnnatncc ntgatcgtgt ntcgttcttt ctncaggatn nnntcgtttc      60
gaattcggca cgaggaaaag ggagccgcgc agngcctacg ggagtnccggc ggcagcagcc      120
ggtaccggca accacgggca gctctcaggg aatctccgtc gttgaggcca naggctccag      180
tccccgcgag tccagatgcc tgtccagcct ccaagcaaag acacagaaga gatggaagca      240
gaggggtgatt ctgctgctga gatgaatggg gaggaggaag agagtgagga ggagcgganc      300
ggcagccaga cagagtcaga agaggagagc tccgagatgg atgatgagga ctatgagcga      360
cgccgcancn agtggtttcag tnagatgctg gacctggaga agcagttctc ggaagctaaa      420
nggagaagtt gttcaaggga acgacttgan tcanctgccg gnttgccggc tggaaggaaa      480
ntggggggggc ttgaanaaga agcccctgga atnccaccgg aagccccctt ttggggggggg      540
gccttgcaaa ccgggaancc ctttnaaagg aatttcngcc antttcaang gttgggccaa      600
ggggaatcnt accnaagggg ctttctnngc cttgggnatgg tgaatccang gnaaattaag      660
gtncccaatt gntgaancct tccaanggga ancccaaacc agcacccttg naanaagttg      720
agaaaacttg cttgcntctt ntgacacccc tncnaggggg aacttcaagg aaccggttcc      780
tnaggcttgg aaggaggacc cccanancct tggancctaa attnttaaatt gggtnggacc      840
accn      844

```

<210> 3216

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3216

```

gtntngnnng nngttnnatt atatggntcg nctnnctcna nnancnangc ttgngctgac      60
aacttgattg gggttcctt caggtttgaa ggcgcctcna gaagtgtcta aaggagacag      120
ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg      180
tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttggactt      240
ctcagcctcc atattcatga actaagtttt ttggaatcctt aggcttccac gtgtggaaag      300
cctgagctaa cctactggag gatgagccat cacctggagc agattcaggc catcctagtt      360
gaagcctccc taggccaaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaac      420
attcagcaca aagacaaaac agaccagacc agaagagtc cacagaatag gggaaactat      480
tcagagaaaa cttaagccac taagttttat ggtgttttgt tcttgtagcc agaagcatag      540
gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca      600
ttttttccct tgaaaacctg ggagccttgt attccatctt attagcagaa gatcactttc      660
accaatgggt ttgggtcttg atttggaatt gatgatgtaa tgagcctnta ttcnanatgn      720
gacttaatac ctctgcgaat tgactggatt ccn                                     753

```

<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3217

```

ttggantctt ctengaaacn cttngcnatt gcncntctctg naggatccca tcgattcgaa      60
ttcggcacga gggtcttcaa agccaaccaa gacaggcttn tnagtttttag agcttcagaa      120
caaattgcc aagccagag ttgtttatgc tagtgcaact ggtgcttctg aaccacgcaa      180
catggcctat atgaaccgtc ttggcatatg ggggtgagggt actccattta gagaattcag      240
tgattttatt caagcagtag aacggagagg agttgggtgcc atggaaatag ttgctatgga      300
tatgaagctt agaggaatgt acattgctcg acaactgagc tttactggag tgaccttcaa      360
aattgaggaa gttcttcttt ctcagagcta cgttaaaatg tataacaaag ctgtcaagct      420
gtgggtcatt gccagagagc ggtttcagca agctgcagat ctgattgatg ctgagcaacg      480
aatgaagaag tccatgtggg gtcagttctg gtctgctnac cagaggttct tcaaattctta      540
tgcatagcaa tccaaagtta aaagggtttg tgccactagc tcgagaggaa atcaangaat      600
ggaaaaatgt gttgtaattg gtctgcantc tacaaggaga agctangaac atttagaaag      660
ctttggaaag aaggccgng ggagaaattg aatgattttt ggtttcaact nccaaaagggt      720
gtgttgcnct cccttctttg aaaaaacatt ttct                                     754

```

<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3218

```

tggtgccggt tcttantctg ngctctcgtc ttccttctta tacctgggca ncncttggeg      60
gcccnaaggn tcccangnag ccnngcngng ncngattcgg cacgagattc caaaggtttc      120
aaagaacttg gtcataaata tgataatgag aagacaaagt atttatatta aaacagttta      180
gtagccttca gttttgtgaa aatagttttc agcacagaaa ctgacttctt tagacaaagt      240
tttaaccaat gatggtgttt gcttctagga tatacacttt aaaagaactc actgtccag      300

```

```

tggtgggtcat tgatggcctt tagtaaatg gagctgctta atcatattga tatctaattt 360
cttttaacca caatgaattg tcttaatta ccaacagtga agcactacag gaggcaactg 420
tggcattgct tcttaacca gctcatgggtg tgtgaatgtt ataaaattgt cactcagata 480
tatttttttaa atgtaatgtt atataagatg atcatgtgat gtgtccaaac tatgggtgaaa 540
agtgccagtg gtagtaactg tgtaaaagtt ctaattcaca acnttaattc ctttaaaatn 600
cacanccttc tgcctctgna tttggaagtt gtcagtncaa ctcacaaag aaaactgcct 660
aatntnaaaa tcatattntg ggaataattt ccctcttttg tagtctgccc aagatcctta 720
aagattggat ttttattact atttaaacca gtggattaat n 761

```

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3219

```

caaaanccct tttgnaannn nccnnagnnn tttnatnncc tnnttgcaaa tngcttggt 60
actcgttctt tctgcaggat cccatcgatt cggaattata gtattgacgt gaatccact 120
gtggatataga ttccataata tgcttgaata ttatgatata gccatttaac aacattgatt 180
tcattctgtt taatgaattt ggaaatatgc actgaaagaa atgcggccca tttagaatag 240
ctcgtgttat ggaaaaaagt gcaactgaatt tattagacaa acttacgaat gcttaacttc 300
tttacacagc ataggtgaaa atcatatttg ggctattgta tactatgaac aatttgtaaa 360
tgtcttaatt tgatgtaaat aactctgaaa caagagaaaa ggtttttaac ttagagtagc 420
cctaaaatat ggatgtgctt atataatcgc ttagtttttg aactgtatct gagtaacaga 480
ggacagctgt ttttaaccct cttctgcaag tttgttgacc tacatgggct aatatggata 540
ctaaaaatac tacattgatc taagaagaaa ctagccttgt ggagtatata gatgcttttc 600
attatacaca ccaaaaatcc ctganggaca ttttnangca tgaatattaa acatttttta 660
tttcaagtaa ctttttcccc ctgtgtaaag ttactatggg ttgggtgggac naactttcat 720
tctatagnat attaatggg aaagtngggg gaaattctac nttttatggg tnggagtggg 780
cccaatgtct atcaaggagt gnacaaatta ann 813

```

<210> 3220

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3220

```

taatgctggg tactgccctt caaatccttg caatcccttg gnaancggnc cngcngaccc 60
atcgattcga attcggcacg aggttatatt aaattattct ttgntnttct ttgtctttta 120
ataaagcctg caagttacta aattgnagtt ncataaattc tgtagtnaag tatcatcttg 180
gcagngtgcc aaaggtgaaa angntgcttn ctctaacaga gaaattctta gngactccag 240
tcgtanaaaa acgtctttac aacctgaata agatnganga attngngaaca taccatggcc 300
tattggatga atcatttgcc ggnggctana ncagactgta gggtttgatga tggatntatg 360
gagtatgtgg gtatagaaat catgaatntn ccatttgnnn ncagagattc aagcntanac 420
ttaatgggta gatcataaat gacagaatga attcaaaacc tagcacgtgc attgtaaatg 480
tgtgcccgaga tatgtnttgg aaatggcagn tcttgggggt catgtntcta ctggcaaaat 540
ttgctatagn gnnactattg nantgtaatt ataaaattna tcannattat ncaccgattn 600

```

gccaaagtaaa	ctgtactgtg	cataggaatt	ttgggaattg	tgcanaaatt	ggatcaattg	660
aanttnagaa	cngatgtctg	ggcttaaaaa	tttatcnggg	accacnnatt	angaaactna	720
catntttcgg	ngctgaggtt	cattgnccaa	ggccangaag	gtntttncgg	aaaanc	776

<210> 3221

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3221

ctgctgtcaa	ggcttgaaga	gccggcacac	tcaatggcaa	acacangcac	cgagtctgct	60
ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcatcagtca	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgcag	240
cgcattccaa	ccacctggga	gcatttataa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggaaatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcncnacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3222

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3222

ctgctgtcaa	ggcttgaaga	gccggcacac	tcaatggcaa	acacangcac	cgagtctgct	60
ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcatcagtca	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgcag	240
cgcattccaa	ccacctggga	gcatttataa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggaaatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcncnacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3223

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3223

ttgtgaancc	cttttgacac	ccntttgcta	cttgctcttt	ttgntggatc	ccatcgatc	60
gaacgttccc	ccgtacata	gtctttcttt	tgtgttattt	agtttaccat	ttcttttttc	120
catcttggtta	taacctccac	gagttgtgtc	tcttttggtt	tctacattat	acccaacggc	180
tagcacataa	caggcaccca	atatatactg	aacgaactaa	ggaatgaatg	aaggaatgaa	240
tgaatagggtg	gcttatagga	âaccctctgg	gccagggact	ctgcaacatc	accatgtaac	300
tttttctttg	tgctgagaag	cagagagaaa	caatagaaga	tatctcttaa	tctctcaagg	360
atgctactcc	caggactgct	tgcaatttcc	gaggagataa	gccacaagtt	acagaaagga	420
agcagctgtg	tagggcctgc	aagtttctctg	ctgcaagtca	ccctatgttc	agaagttacc	480
ctggctgggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctgancg	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtgggtg	catgaagcct	gtaataccca	gcttccttgg	660
gnaaggctta	angtgggnag	aaatnaccct	gancccccang	ggggtcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnggg	caaaccnna	attnagancc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3224

ggatctttta	tncctttgna	atccccctnnc	tttggcnaat	cgcccgaatt	cggcacgaga	60
gttgaggaaac	attatgctgg	agagagnttt	tnaagaaagg	gagatgttgg	aaacttcnca	120
agctgctgct	ctgtttctgc	ccaaccgcat	ggtgcctgga	cctgactaca	attcctacaa	180
aagtgcctac	agccccagcc	cagtgggaacc	accaagcaag	gacttctgta	attntttgcc	240
cacctgcctt	gatttaacca	tgcatgtatc	agggctctggg	aatatggaac	taatttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatccccctg	tcctcaagat	ttttaagttt	360
ggcccaagtg	tgccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcca	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaaggga	gcacgagtc	480
aggatggact	cagtgcatag	caggacatga	tgccatnnaa	attggaaggt	tccttggtgc	540
tgctcacac	ttcctgagat	ccagaccacn	agaaagtgc	cttcanggtc	atcangctgt	600
cccagagagg	tcgcgcttnt	tccnaccctg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccttttgg	cnacttaanc	cattaaatcc	aattccnncn		769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 3225

gnggaggggn	gggaagnggg	gngcagnnnn	ncnaaaacnn	nngcacanca	ancncnnang	60
aacncnnnca	gnncncnncg	nanacancaa	ngngnaaccc	tttcaaancg	cttggcaaatt	120
cgcncncgct	gnaggaccca	cganncgac	ccagccnct	cctccaacgc	cctnnngatc	180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aacccaatng	tnnnaacttg	240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccacccc	300
accngactt	anaaaatcca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtcgc	360
ccccttgact	gtacacacat	gnggagnnca	gagccacca	tngagagagg	ctgctcagct	420
cagcacctg	ngcanggctt	cctagaacta	ncncagancg	ggggannccn	tancccgat	480
tcnnggnagc	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggacca	540
ccttggnaaa	aagccacgta	aaatggnaacn	ancnntccan	ggcancang	gnccnactac	600
antcncnagc	acctccgngn	cncaanccgn	antcnnagag	aanngnntan	nnncangag	660
nnccccggan	nnncngnaatg	gccagnnaag	ctgnnncccn	cnggaacnag	nnaacgnnnn	720
ggcntatcca	nngtcgacnc	ctnccnggnc	gccanctccc	aaangncncg	aacgaggcnn	780
ngncagaana	nctctgttaa	aagaacaccg	ancaggcnaa	ggccnccact	tganannccct	840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc	900
tctaaaaaaa	aaccg					915

<210> 3226

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3226

agnntnnttn	nnmntataaa	ncctntggaa	ctnccctcttt	nngttgatcc	catcgantcg	60
aattcggcac	gaggcaaggt	tgtgacattg	tcaactttttt	gttctagact	cttttaaatt	120
ttctgcattt	gctgaaaag	cacctctgta	agaatagatt	tctcatggct	ctaaaaatta	180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaaat	240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaaa	aatctcttca	300
agaggcatct	ctggtcttgt	gacaagacct	cttcaaaaac	ccacagtaaa	actccccctcc	360
ctccagtgg	ccaccagtct	gccaccaaac	atgaacaaat	tctgctgcta	atcggtttcc	420
cttgtgatct	ggttcctgag	gtcttcggat	ctgtgcaatg	aattatttat	tgntttatta	480
aaccgacagt	ggtgtcccag	agaggaacca	taaataaaat	ggaaatctgg	tgtgtgata	540
aagtaataac	tagcattaat	gagacctgg	tttcccttca	gaaagtccag	tatacctgta	600
acaaagggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat	660
tctnacaaaa	aatgcatcga	gtctaattct	tacctctatc	aaaaaacaac	tgnttaaatt	720
tatgaccaac	atttaaacna	aaaccaaatt	ggaaaatttt	ctttttnnn		769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

atcnatcent	ttctttatag	cttngtttct	ngttctntct	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttgac	cattttcatg	tgaatgaaga	120

```

agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaata caagaaagt atcagatcct tgaagagaca 240
ttccaatata tgcctctcag tggcttttcg gcctcagagg cctcagagcc tgggtgcatg 300
tggactggat atgcaggatga tgcgtgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttacag gaggatgaaa cagaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaacctgcc ctagcccatc ctatctctgt ggcttcgtgt ggtaatatct ttagttgtgg 480
tgcacaagat ggtaagggtc gaatctttcg ggtgatggga gttaagtgtg aacaggaact 540
gggatttaag ggccacactt cangggatc ccaagtctgc tttctnccag aatcctatct 600
gctgcttact gganggaatg atgggaagat caggttgtgg gatgcaaaca gtgaaanttg 660
agaaaaaac cagaagaagt nccacaaaaa ccgtaccccn caggaaggaa aaccttaaaa 720
ananggaacc ttgcaccna nccngggnn ggaaaatacc taaccnntt nntnacct 778

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<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 3228

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caaaanccct tttgnaannn nccnnagnnn ttnnatnncc tnnttgcaaa tngcttggtc 60
actcgttctt tctgcaggat cccatcgatt cggaattata gtattgacgt gaatcccact 120
gtggatataga ttccataata tgcctgaata ttatgatata gccatttaac aacattgatt 180
tcattctgtt taatgaattt ggaaatatgc actgaaagaa atgcggccca tttagaatag 240
ctcgtgttat ggaaaaaagt gcactgaatt tattagacaa acttacgaat gcttaacttc 300
tttacacagc atagggtgaaa atcatatttg ggctattgta tactatgaac aatttgtaaa 360
tgtcttaatt tgatgtaaat aactctgaaa caagagaaaa ggtttttaac ttagagtagc 420
cctaaaatat ggatgtgctt atataatcgc ttagtttttg aactgtatct gagtaacaga 480
ggacagctgt ttttaaccct cttctgcaag tttgttgacc tacatgggct aatatggata 540
ctaaaaatac tacattgatc taagaagaaa ctagccttgt ggagtatata gatgcttttc 600
attatacaca caaaaaatcc ctganggaca ttttnangca tgaatattaa acatttttta 660
tttcaagtaa ctttttcccc ctgtgtaaag ttactatggg ttggtggnac naactttcat 720
tctatagnat attaagtggg aaagtngggg gaaattctac nttttatggt tnggagtggg 780
cccaatgtct atcaaggagt gnacaaatta ann 813

```

<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 3229

```

gnnnnnnnntt nnnnnnttgc aaatnccttn gnaaannncc nagnnnnttn anncntntt 60
tcnaatnctn ggctactngt tctttttgca ggatcccatc gattcgaatt cggcacgaga 120
gnaatcaata tcttgaaaat ggccatactg cccaaagtaa tttgtaggtt cagtgcata 180
cccatcaaac tatcattgac tttcttcaca gaattagaaa aaactacttt aaatttcatt 240
tggaaccnaa aaaagagccc atatagccaa gacaatccta agcaaaaaga acaaattttg 300
aggcatcatg ctacctgact tcaaaatata ctacaaggct acagtaatga aaacagcatg 360
gtactggtac caaaagagat atatagacca atgaaacaga acagaggcct cagaaataat 420

```

```

gccatacatc tacaccatct gatctttgac aaacctgaca aaaggaatgg ggaaaggatt      480
ccctatttaa taaatggtgt tgggaaaact ggctagcctt atgcaggaaa ctgaaactgg      540
accccttctt tacactttat acaaaaatta actcgattca ttaaagactt aaaagtaagt      600
tctcaatgta taaaaaccct ggatgaaaac ctaggcagtc cattcaggac atagcatggg      660
caaatacttc atgactaaaa caccctaaagc aatgtcaacc aaaagccaaa attgacaaat      720
gggatctaac ctaaactaaa aaacttggtg tgcagtttta ttttgggant gtgtgtgggg      780
gtacctctga gttttcaaaa aatgaagaaa gtaagtcc      818

```

<210> 3230

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3230

```

gnttgaannc ccttngnntt caaatngatt gttactngcc ttntgcagga tccctcgatt      60
cgaattcggc acgaggatag cttaaagcaa gtttacaagt aattaaaatg gacagtttgc      120
cattaaagat ttttaatagt ggttttgcag tgtactggct tgaattttct ggacttgagt      180
taactgaagg agagcctcaa acnntagtaa cttcattttt aaaagttact agaatttggg      240
atcctgattt atattgcagt gtttcaaagg tgtcactgtc agacaaatag aaacactgcc      300
aacttggtgt aacttaagct ttcatttaac taaaacattc ttttcttgca aaacttattt      360
ttcatgatca tttttggtta tttattatac ttgattccaa aatagtacag ccttgaatct      420
ataaaaactgt gcagtcatta tgccagaaat tatcttaaat atataatggg tcaccttgct      480
gttcaaaggg tggtgcaagg tcctgcagca tcttacatct gtagcttggt agaaatgtaa      540
actctcaggc cccacaactt acttcctgca ttttaacaag atccccaagg gatatgtatg      600
ctcataaaaa attttgagac actggtttaa atggaaaatg gatataaggn atgtataact      660
ggggggtggg gtgagggtag gaaggcattt accaaactnag attttattta tttttgaaat      720
taatcaattg gnttaaattc taatttatth acccaaatag ggggtctttta aaaaaatatt      780
ttttattcc      789

```

<210> 3231

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3231

```

gnttgaannc ccttngnntt caaatngatt gttactngcc ttntgcagga tccctcgatt      60
cgaattcggc acgaggatag cttaaagcaa gtttacaagt aattaaaatg gacagtttgc      120
cattaaagat ttttaatagt ggttttgcag tgtactggct tgaattttct ggacttgagt      180
taactgaagg agagcctcaa acnntagtaa cttcattttt aaaagttact agaatttggg      240
atcctgattt atattgcagt gtttcaaagg tgtcactgtc agacaaatag aaacactgcc      300
aacttggtgt aacttaagct ttcatttaac taaaacattc ttttcttgca aaacttattt      360
ttcatgatca tttttggtta tttattatac ttgattccaa aatagtacag ccttgaatct      420
ataaaaactgt gcagtcatta tgccagaaat tatcttaaat atataatggg tcaccttgct      480
gttcaaaggg tggtgcaagg tcctgcagca tcttacatct gtagcttggt agaaatgtaa      540
actctcaggc cccacaactt acttcctgca ttttaacaag atccccaagg gatatgtatg      600
ctcataaaaa attttgagac actggtttaa atggaaaatg gatataaggn atgtataact      660

```



```

gggggggtggg gtgagggtag gaaggcattt accaactnag attttattta tttttgaaat      720
taatcaattg gnttaaattcc taatttattt acccaaatag ggggtctttta aaaaaatatt      780
ttttattcc                                     789

```

<210> 3232

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3232

```

ggnnntnaaan nngctctact gaatgccttt ggaaaggccc ccatcgtttc gaatncggca      60
cgagcttttag ttcagataaa ggaaacatcc aaaaatactg agattagtaa aattttattc      120
aaagtaggtt ccngctttgt cttgatctca atccattcta actcctgatg tcatttaccg      180
tgtgagatct tanncacaat catgaaaaga atatgagcat ttatcaaaac tctctgacat      240
ctgtatgttt agaaatgaac ttacacagca aaatatgatt tccttgcaact tatttaattt      300
ttctaacttc aattttctacc tatgtgtctc tgccagtttg acctgattca gacacccaga      360
acttgaataa agaagccctc ttctattttc attcttaaatg aatatacctt ttcccatgtc      420
cacattgagc ctcccttctg ngtactctgt ctaatgcagc cacatgtcta gttccccctc      480
tctgtcacca ccctcacttc ttctttccca tcttcttact tctttgggtg gacctcttgt      540
aggacaacat gccatttctg attccccaca cacataccct atcattgata cctaccctca      600
ggattagatt ctgtctaagt aatttgtaga gccatcaggc ttnantaagt attgggactg      660
caagtcaaca cccattatct catcaaaang ggatgctgtg ttggggccag anggagaaan      720
gagagagaga gactnanaga gagangnccn ganagagagn aagacn                        766

```

<210> 3233

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 3233

```

gaancccttg gntttgancg catttttaat nccttggmnt gnnccctcga ttcgnnccgg      60
cncnaggctc ngtacagatg nntcttatcc tgacntnacy aangncttaa ctgncnnntn      120
tatggtgacn gtnnntgagg cngnatgncn nggancanan nctnaantcy aaaggnacct      180
agtacgann gctncgmnnt cctntgcaa actggatacy gtannggaaan agggagcctc      240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaaggn      300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga      360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc      420
atccttggan aacnntttgc tttanaacan cnnccctncg tgnctacnca cancctatgc      480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnnancn      540
ttagnnncca ggggaaccnnn ntgnctttac aangtngntn nangtctna gntgagcata      600
cnaccagnt ggganctnct gacnagtttc ctncanactn gtncncngag tgggaacggc      660
caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg      720
natttaanaa ctngaancct ntannccnnt tcnnaanntn cttttgnga cnttagnana      780
ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcaccnntgc c                        831

```

<210> 3234

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3234

gnnnttttnnn	nnnnnnnttt	ncaaatecgt	ttggctactn	ggntcttttt	gcaggatccc	60
atcgattcgc	agaggctttg	ctagtatcct	tcaaccaatt	tctagtaaaa	atatacctata	120
taaccataat	tatcaaaacc	agaaaaacaa	cattggtagg	atactataaa	gtactaatct	180
tattttggat	ttgacgaatt	cctacatgtt	tnntttcttt	ttagtttgta	ctctaagaag	240
ttgtattaca	tgtacagatt	cgtgtaacca	ctgcaaccac	ataaaactaa	tgaacacaaa	300
gtccctcatg	ctaccttttt	atgcttacac	tccatccaaa	cctaactctg	ccaaccactt	360
ttctcctatc	agtataattt	catcatttca	tgaatatgat	aaaaataaaa	ttgtttttgt	420
aaatggtttt	tataaatttt	atataaataa	gttatatgaa	tttttattga	tagagagtat	480
gtaagctttt	ggcatttttg	tcactcagca	aattactcct	aaggtttata	tgagttgatg	540
aatagttgnt	ttattatttt	tttttaccac	catgtatcta	accagatgaa	agttgtttat	600
atttgagagt	agtatacata	tttgatgtag	tagtttatcc	atttcaccta	tgagatatat	660
ttgcactggg	tttcctgggt	ttaagtgctn	taaataaaga	tgctgtgaaa	tctaaaaaaa	720
naaanaannn	nnnnnttnnn	nnannntngn	nataatnaaa	nnnnnnnecn	nn	772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3235

tecaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccngtt	60
tngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaat	gtcttcctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgctgg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtg	300
cgggtgagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagttag	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttccttg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcattttgt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcca	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcatttttg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3236
 aanccccccttt tnnangcgnt tccntncanc tnaaancgnt tgnaactcnc nctntctgca 60
 ggatcccatc gattcgctaa caagcgattc taaaccacct atgagtattt ctttttagggc 120
 tcaacttaaat acatgtttgt atatactgta ttctagccag aataatttta gatctgatca 180
 ggtagtagct aaaattagaa aaaaacaaaa tagatgctta aagaatttgc atccattttt 240
 gagtctaaat ctttttaaaat atactgagat ccacatctag tgaaatgtca gtgtcaaaat 300
 attatagatt atagctaaaa tccagattaa tactcatttg gggtttttta tagtggaact 360
 tcatagtaat acaaaaagca gattgtcttc ctgtctccgc tgctcccaca gtaggtattg 420
 aaactggtaa aatcagtttt ttgatantgt gtgtatataa gaaaaaatag atacacacat 480
 tcttttttct cagtcaacac attgattgaa cactctggca aagatgctgt ggtggatgan 540
 gttggagttc gaaagaagaa gcaagcgctn gcctgccttg aaagaaccga agtctttccc 600
 attcacttct ctagaaagct gccaaagacag aagcagaaag aaatgggatg atagttctgt 660
 caaagcacac ttctggntct ttagaacctt agaagtgnnt ctaagagAAC agaagttatt 720
 aagaagaaac nagntacgtg tgggaattca acaaccttng ggtnggaacc cattggcttn 780
 t 781

<210> 3237
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3237
 gtnttnnnntt tcttttcta atcgttggata ctctgttcttt ntgcaggatc ccatcgattc 60
 gaattcggca cgagccaaaa tgggggtggg cgcagtggtc tcacgcctgt aatcccagca 120
 ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctggctaac 180
 acggtgaaac cccgtctcta ctaaaaaatac aaaaaaaaaa caaaaaaac tagccaggca 240
 tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa 300
 cctgggagggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac 360
 agagtggagac ttctgtctca aaaaaaaaaa aaaataggca caataagtaa tacatttctg 420
 cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa 480
 tnaattatat gtctgatact agccttccat tgcctggatc acatctgatt gtcttggtaa 540
 ttttagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa 600
 aagactatga tgggtgctact tgtaactgct tttgtgctgt aaaattgtca tngattaaag 660
 aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc 720
 aaataangga cttgnttgga nccangannt tcangaacaa cctg 764

<210> 3238
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3238

```

gtnttnnntt tottttetaat agcttggata ctcgttcttt ntgcaggatc ccacgattc      60
gaattcggca cgagccaaaa tgggggtggg cgcagtggtc tcacgcctgt aatcccagca      120
ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctggctaac      180
acgggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaac tagccaggca      240
tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa      300
cctgggagggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac      360
agagtggagac ttcgtctcaa aaaaaaaaaa aaaataggca caataagtaa tacatttctg      420
cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa      480
tnaattatat gtctgatact agccttccat tgcctggatc acatctgatt gtcctggtaa      540
tttnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa      600
aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag      660
aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc      720
aaataangga cttgnttgga nccangantt tcangaacaa cctg                          764

```

<210> 3239

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3239

```

atggcttttg nnagntccnn ntctttcaaa tncttggcta ctcgntcttt ntgcaggacc      60
catcgattcg aattgttaact tattccagga taaatgtcat atgcatatga ttttcatatg      120
actttgatga gtatcttcag ggaaaattcc taaaaatgaa attgctggat taaggggtaa      180
atgcatgtat agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt      240
gtattcctgc cagtaatata tgagagtcca cagagtatgt ggttaagctt tagaatgctt      300
gtccatctga tagggaagaa atcgtgttgc cttaatttgc ccttctttta ttatgaatca      360
gatttttaate ttttgccctc agaactatag tgagtcgtat tacgtagatc cagacatgat      420
aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat      480
ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt      540
taacaacaac aattgcattc attttatgtt tcangttcac ggggagggtgt gggaggttnt      600
tttaattcnc ggccgcggcg ccaatgcatt ggggcccggt cccanccttt gtccctttta      660
tgaggggtta attgcgcgct tggcgtaate atggtcataa ctgattcctg ggtgaaattg      720
tatcccgctc acaattcccc accaacatcc anncccggga gcataaaa                      768

```

<210> 3240

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 3240

```

annggagacn nnnngnngann gnggggggnnn acnnngaaan ncnnananan acacannann      60
nannnnngag gggcaacaaa cncnnatttt cgaaaanccc ttttggnggt gaccccnttc      120
naacacttgc ttntcgcctt ntgcaggatc ccancgnann cgaaggnggc ncgaaagcac      180
gngtccena nnngatgngn aaanatgacc gataaacttc ngggncngat aatgaanggc      240
actatnggnc atactgatgc tgnctcatgg gcnctaccan agacngaac tggaaaaggc      300
tctgcagngt ctgggatacg ctcagtgtctg cangggaggg caggngtgag gggaatggcc      360

```

```

ccgganggtg atggggcnnng ngcatccgat gcagcnnat agctctgnaa ttaccacttn 420
caacttntn attacgaaaa atgtcaagga ccnngaata acaagngagg naggcaggat 480
aatggcccc aanaatgccc tggtgagacc ccanacctt gagagtgcct cacatgggga 540
agactgtcct acgtcancnt gcacgccc anggagcccc ngggccctta aagcttgaga 600
gccttncctg ctgagacnga ganatgccag aagcaaggag aggcnagaac ccgaggaggg 660
cccgancct gcccnngnat gcccttagaa ggaagggccc naannagcgt ggtggcccn 720
ctaaagcaan ctgngngacc nggggggacc ctngatgacc caangcccct gcaaagcaaa 780
accngaaat ttccnggcca aaccanacac cccaangga atgngaang aaanngngaa 840
aaggnacncc cctngaccnn tggggcaaaa accccttgga acccccctga aaccttcnac 900
cnaaaatngn gtnaaancnc ccgcganngn gacttnagt ngcaagcaca cancccc 957

```

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3241

```

ntgtaancct tttaaactcc cttggctact tgntctttct gcaggatccc atcgattcga 60
attcggcacg aggccggacn gtgactctgg nnacgcttgc gncctnacg tagntngnng 120
accntgcang anggaanaan ggctggccnn cngntgtacn ctnacccgtcc taaccccgcg 180
aggtccaggc ccgtcctttt cggngnggat tctcgcgga natccctccg gcagctcttt 240
gcaaagctgn ttagaaactt ctccaaact cggcntggat acgactgcta tagggctcgc 300
tgctgctttt gtggagctct tgctcctcta tccttggcct ctctgggat acggcccaag 360
gccaaagtntt cagcgangtt ggtacgctta tttcgttctg gactctgggg gctntgaann 420
ttcaccacgt ggactgctgg ggancgggnt nccgancact ngmntacctt acnccanaat 480
ctgacaactt ttctggacaa cctaccanc ttcaattggc tngngagcnc ntcnngtgct 540
ggggnnntn cn gtgcaaattg agncncaatt ggtgggcaaa tngttgatgg ncaaaacggg 600
aaaaagcaac nnncaangct tttggctnaa agccgatang acncaaatta ntncttttg 660
accttganaa ttctctcaan nnttttnagn annncctttt ttnccttggan aaanacttaa 720
aagtgaacga ttnttgggaa anaaacaaac tataataact naaagctttt ntaaaaaaa 780
annaatmnt

```

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 3242

```

tcnaaatccc ttttgnnagn ttncncttt gtttcccttt nctnggetnc ttgttctttt 60
tgcaggaatc ccacgatc gaattcggca cgaggctcct ttgaaccacc ccaaagaact 120
caacatggca aagcaaatgg taaaagcttc cagactgttc tactttgggt ccgcggaag 180
ccactcacg tgtgatctgt gttgcccctg ggaggcccg ggagaccgga aaagggctct 240
ctcaagtctt gaaaagagaa tctgccacca gatcgaattt cgaaccctga gcttggtcgg 300
acgtatggtc caaattcaga ttaaggtgg caccacaacc gagatgtcag gaaaggcctt 360
ctgcagagaa aatgtcccc caccgccaat ctgcagccag gtgtgtgcca caccgagcc 420
ttcccgaac atagtatgga ttttaaaaat gtgtttat ttgtttctca accactttat 480

```

```

aacgtatTTTT ttaatttatt ttgtaatgtc ttgttttgaa gtattgctgc tacccttgnt      540
atccttccca ctgtttttat cactgattta ttttgtgaaa agttgtacac taatgttcta      600
tgtcaaaatc aaaaagtatt taatgaaata ctagttctat ttaatgtggg ntatggaacc      660
ancttggaac cacaaaacaa acaggggatt gtacaagcan gcttggggcc caagnaaggT      720
caaggttcat ttggttacca tatgccnata aaacctcanc gaanttttaa aaaaaaaann      780
nnnnnnaaaa aancttgngg ggct                                     804

```

<210> 3243

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3243

```

ttcnaatngc ttgttcacgc cttttctgca ggatcccate gattcgaatt cggcacgagc      60
ttctgttgat tggtttggtt aaagtaccta agtactacnc tttgactccc taccaaaagt      120
tcttttggtt tttaaacaac ttttatttgt gacttacttt cttgagaagt gttcttaatg      180
aattgcanna cccantggta gcagcttatt tcttaagtag tttattattt gtgctttacc      240
atttcagggtt cttatcttta acccttattt actcagtttt ccactctgaat gatcctatct      300
ctaaattaag gatttaataa atgctgcaaa ttgtccactt tgcaaattgt ccaaaaagctt      360
tagttttgga accttggtgaa cttttttttt aataacacat tatttggggcc ggtcgtgggtg      420
gctcaagcct gtaatcgtag cactttggaa tgcctaggca gacagatcac ttaaggcctg      480
nagttcgaga ccagcctggc caatgtggng agacctnctg nctatttact aaaaatacta      540
aaaaattagc aaggcatggt ggtgcacgcc tgtaatctna gctactttga gaggcanaagt      600
tcaggagaat tgcttngaaa ccttgggagg cannagattg agcccaagaa ttggaccant      660
gganttcac ccttgggtga ccagagtga gaaatctnn ctcaaaaaaa ccataaaaaac      720
cctntnctnt aaaatnaaaa aaactntga gcctttttat aacttnagnt ggagtcagga      780
atnc                                     784

```

<210> 3244

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3244

```

tccaaaatnc ccttggantn attccccctt ncaatacctt tcttngnac actcccngtt      60
tngntngatc ccactgattc gaattcggca cgaggnaaca aagaaggaat gtcttctca      120
tgtttnggtc tatagaagac gttaaagaaa acttcagaaa agtgggtttg aggcattgagc      180
caccacgcct ggccaaagga tttaatgaat taatggatgt acagtgcctg ggctgttatt      240
ctagggcctg cattgagact cacattttgc catcaaaagc cttttaagag gtggagggtg      300
cggtgagctg acatggtgcc actgcactcc ggctgagtg acagagtga actctgtctc      360
acaaaaaaaa taatgccctt taaataatga ataatagtga tagaaaatgt cttttcttgg      420
acaaatgaaa aattgaaatt aatgtatata attagatatt attagctact cttaggtagc      480
ttcatttggt gaaagtttga caagtgaatg aagttcacat ctggaaatcg ttgaacattt      540
ttcggtcatg gaactcaatg gctacgttag tcgtttatgc ttttactgt tgtggtaggg      600
gctttggaaa gtnaatgcca tcaacaatgg atacagaang acctggattt ggaataaggg      660
caaaaattta ttttgatggg gctgaattgc tctgccaggg agcatttttg gtattgagat      720

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gaaaatggcc tctctttgag actgagctgc cacctggcaa attattgnct gcttaanggt 780
tctctttatn 790

<210> 3245

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3245

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ntngntttgc aggcattccca tcgattcgaa ttcggcacga ggaacaaaga aggaatgtct      120
tcctcatggt tgggtctata gaagacgtta aagaaaactt ccagaaagtg ggtttgaggg      180
atgagccacc acgcctggcc aaaggattta atgaattaat ggatgtacag tgctggggct      240
gttattctag ggcctgcatt gagactcaca ttttgccatc aaaagccttt taagaggtgg      300
aggttgcggt gagctgacat ggtgccactg cactccggcc tgagtacag agtgagactc      360
tgtctcacia aaaaaataat gccctttaaa taatgaataa tagtgataga aaatgtcatt      420
tcttgacaaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta      480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcgttga      540
acatttttcg ttcattggaac tcaatggcta cgtagtccg tttatgcttt tctactgttg      600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat      660
aanggcacaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg      720
aaatggcctc tcttgagact gaactgccaa cctggcaatt attggctgct aanggttctc      780
tttt 784
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<210> 3246

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3246

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gnnttttcta aatcccnttt gcnttactcc ctctttcaaa tcgcttggct acttgcncn      60
ntngntttgc aggcattccca tcgattcgaa ttcggcacga ggaacaaaga aggaatgtct      120
tcctcatggt tgggtctata gaagacgtta aagaaaactt ccagaaagtg ggtttgaggg      180
atgagccacc acgcctggcc aaaggattta atgaattaat ggatgtacag tgctggggct      240
gttattctag ggcctgcatt gagactcaca ttttgccatc aaaagccttt taagaggtgg      300
aggttgcggt gagctgacat ggtgccactg cactccggcc tgagtacag agtgagactc      360
tgtctcacia aaaaaataat gccctttaaa taatgaataa tagtgataga aaatgtcatt      420
tcttgacaaa atgaaaaatt gaaattaatg tatataatta gatattatta gctactctta      480
ggtagcttca tttgttgaaa gtttgacaag tgaatgaagt tcacatctgg aaatcgttga      540
acatttttcg ttcattggaac tcaatggcta cgtagtccg tttatgcttt tctactgttg      600
ggtaggggct ttggaagtaa atgccatcaa caatggatac agaagacctg gatttggaat      660
aanggcacaaa tttatttgat ggggctgaat tgctctgnca ggancatttg gtatgagatg      720
aaatggcctc tcttgagact gaactgccaa cctggcaatt attggctgct aanggttctc      780
tttt 784
```

<210> 3247

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3247

gtttcnaata ncttgctttt nnnnnntctt caaatngttg gacccctgc aggatcccat	60
cgattcgaat tcggcacgag gtgtgcttgt gaaatgtcca ggcgtgtgca cagccagtgc	120
gccacttcc gggctccttg ctccctgctg tactgaagtt ttggattttg catccaatcc	180
tgtgtgcctg cccttctgcc gaaggcttgt gaggggcctg agtcctctgc ccatcaggat	240
gacaggctcc ttctgcagg gccatangag ggaagttttg gaaacacaga atgattccaa	300
ggtgctctcg ttctgaggg ggactggttt gtaacccatg acatctgtgg gcgagagagg	360
cagctgggag cangacactt ggagggtcac cccacggggg tggcacctgc actctgagt	420
ccccccactg tcatcagctg cctcttaccg tggacacagt tntggttttg gggactangg	480
ggcccnactc ctggtgttac cgtttggact tactagggca gtgggacata tangcccggg	540
gctagtngga taacggggag ttacnctga tgactntttt gatggaatcc tgcattagat	600
agcttngtgg gacccccccc ctcanaattt ggggaactga ngagaattcc nngaaggtgn	660
cnttcangga gagcaccttt naaggggccc cctaacttcc tgagcctgga aattagaata	720
ancattaaag gggcatcac accttttccc aaaaaacccc tntccatttg gttttt	776

<210> 3248
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3248

gttctaattgc ntngnntcat cctttcttca aatgctgtng ttcttttgcg gatccctcga	60
ttcgaattcg gcacgagacc ctctctggcc acatggaggc agtttctcga gttctgtggt	120
cagatgctga agaaatctgc agtgcattct gggaccatac aattagagtg tgggatgttg	180
agtctggcag tcttaagtca actttgacag gaaataaagt gtttaattgt atttctatt	240
ctccactttg taaacgttta gcatctggaa gcacagatag gcatatcaga ctgtgggac	300
cccgaactaa agatggttct ttggtgtcgc tgtccctaac gtcacatact ggttgggtga	360
catcagtaaa atggtctcct acccatgaac agcagctgat ttcaggatct ttagataaca	420
ttgttaagct gtgggataca agaagttgta aggctcctct ctatgatctg gctgctcatg	480
aagacaaagt tctgagtgtg gactggacag acacagggct acttctgagt ggaggagcag	540
accaataaat tgtattccta cagatattca cctaccactt cccatgttgg ggcattgaaa	600
gtgaacaata atttgactat agagattatt tctgtaaatg aaatttgtaa gagaaccatg	660
aaattncata ngatgcngat gcagaaagca acctttttga aagtttatat aatggtttta	720
cccttcataa ccagcttaac ctttcacttt ttcttatttt ggatttataa ataagaa	777

<210> 3249
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3249

```

gntcctnnnt ttcttatnct tggtactctg ttctntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaaccc aagtgtggca      120
aaggaactca ttgctctcga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct ttcttcaaga gctggtagat cgggataatt      240
ccaaatttga ggagtgggtg attgaaatgg ctgagatgcg taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gttaaggagc tgtaccaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgctgtgtt cccatgacaa gcttcacccg gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540
gtccaagact aactgtgaaa gccctgtgta aggaatgtgt agtagaacgt tgtcgcatat      600
tgctgtctgaa gaaccaactt aatgaagatt atnaaactgt taataatctg cttgaaagca      660
gcnagtaaaa ggccnatgga ttttggggtg ggggaantcc cttccttgcg ganntttggcc      720
ccanctancn tctttgaaca ncttgntnaa ncaananggg nggatgcann      770

```

<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3250

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ggnnncnnttt ncccccttt tgaaaacccc ttttgggnga ancccncttc tttnaaatcn      60
cttggctact cgctctttnt gcaggatccc atcgattcga attcggcacg agtatataac      120
aacttttgc tcaaaagtgg ggtgggacta gaacacacaa tggaaggatg gagtcaggag      180
acctggattc ttgtgcccgc tctggctttt acagtctgcc taactctatg cagtcacttc      240
ctgccagcct gtttccttac ctacaagagg gagagacact ccctggccag cctagttctc      300
aggggtgaacg aaaggctcatt atcactgcat cctctagtca tttgcttctt cgctaattaa      360
cacatcttga gcacctgcga tgttcagga acaggagatg gcagcgtgca agataaaagt      420
ccctgacttc tagagactgc atgttagtgg caatcggcgt ctaccgggcc ttcaataaac      480
tactgaatga aggaaaattc tacctagcac cagacacaat tactgggttt ctaaaatgga      540
attattcccc cgccccctg catccagcag cctgctgcag ggaagctcct ccgaagctgt      600
aggcaggagc gggacaaatg cttgctatca gcttcacaga atgttaccta agtactattc      660
ctacacagcg ccttacagaa caaacagtaa aaaccaaag gnaagcatgc acnggcttaa      720
aaactcaaac ttctaacta ctcagtaatt anganggtca ttttacccca aatagaatt      780
ttcnatttat ccaataanaa

```

800

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1144)

<223> n = A,T,C or G

<400> 3251

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gnnnnnnnnnn nnnntttnnn nnnnnntttt tttgnaaaaa aatccccccn ttttgggcn      60

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aaaaattngg	nccctccttt	ttnttgggca	agggggaate	cccccaaatt	tttttnaaaa	120
cgggaccant	ttttcggggg	cnaaccggaa	ggaaaccaat	ttaaaggecn	cctctcncaa	180
acccccctt	tgggaanggg	gggaaattgg	naaaggaaac	caaggccttt	tccccctttt	240
gggccaaagg	ggccnaagg	ggcnttgggt	tggccccccc	naaagtttcc	aaantttntt	300
tnaaaaagg	ccccnttaa	ccaaaagncc	tttggggggg	cccttnggcc	cttnggggnc	360
cttggccnaa	nggggggttn	cctttgggga	aaaggggggc	cggggggttg	ggggggggga	420
aaaggggggt	tggggccaaa	ngnaacaaag	aaaagttnan	nccaaaangn	aacccccccc	480
naacttttnc	ncntngggcc	ctncntttna	acaagaacct	tgccgttcaa	tggcccgggg	540
gccttgggga	accggcaagc	aaaggcccct	ggcttctttc	tggcccnngc	catgaaacac	600
cgncatgttg	ggagcaccg	atcacaagcg	caacaaggta	gaccagctca	anggcctttt	660
ggctatgtcg	agatcccctg	tgtggccaag	aactgggtgtg	cngagatgaa	agtctcgggg	720
ccatggctga	agtggggacc	atcgtggaca	aagtgaaaag	aaagtcctct	ttcancacaa	780
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atgggttcaa	ggcccaagtc	ggtgaanatg	gatgttggca	aaaataggaa	ggataccctc	900
attttgctgn	aatnggggga	anctgctctt	naccttgccc	aagggggcaa	ggcctgggtc	960
aggttnaaac	ttgggaccgg	aaaggcccaa	gtcttaattt	cttttcaaac	cnaggaaaag	1020
gnccgnttgc	cttaaaaacc	ccttcccaac	tttttcctgg	gatgggntga	aggcaaancc	1080
angaaaaancc	aagcaatggt	tgttcntcaa	cnggaaggaa	gggacttgaa	ccnaactggg	1140
gaaa						1144

<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

ntttctannc	nngntttcaa	atcccttgca	ttngcncctt	tgtttgatcc	catngattcg	60
aattcggcac	gagagaagat	tggggatgag	gagtgaggag	antgctggag	accagttaga	120
ggctaccgta	gcagcgtana	gaggctgaaa	atctaactag	ggtggaagca	gccaggcagg	180
ctggctcctaa	tgttgggagt	tgttcagatc	tgaccnnana	ggtcattact	tatagagtta	240
ttaattttata	ccccacctta	attgcaaaga	gattcaaagc	agtaagccat	cacttttagaa	300
tttaatgttc	tgttttcctt	tttatttact	cattcagcag	ctatttcaat	gcctgctgtg	360
tgccagggtgc	tattcttagn	gctttacttg	ttgtatgtgt	natctaattgc	tgtgtaacaa	420
attactcctg	aacttaccaa	ctcacaacaa	cattttattag	ctcacagttt	ctgtggagca	480
tnggatctag	atgtggctta	gttgggggtg	ctggcctggg	gtcttctnct	aaggctncaa	540
cgaaaagtng	aggcccgggc	tgcagtnatc	tgaaggctct	antggggcaa	gatcccaactt	600
caagctcact	naatgngcng	ttgncntang	nttagttnnn	ttgcaatnct	attnggattt	660
ggngccctaa	gttcctgggc	atatagcccn	nnnctnntat	ggncaagggt	cacncttgn	720
gngcantttt	acacccttnn	aagtcntgna	nntangntgn	gnagnaannng	aaactaaacn	780
aatttannan	nanntatata	aanctcnnnn	ncccttcc			818

<210> 3253

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 3253
 caaatccctt ggctacttgn tcttttttgca ggatcccacg gattcggact tgaaaaaaag 60
 tcacatccag caaatgcagg gtcacatgaa atatgggcct cctggaatcc ctacagtggg 120
 tggagactgg ctcatacctt gccagatccc tctctcagtt ccagccttct ggacaaggcc 180
 tgggctaaga ggagctgnnt cgttatctct tcacccactg cctctcagtt atcaccagtc 240
 ccaaagacag gatacgctcc tgtaacccaa tctctcggtt gattgatagc agaacagctc 300
 ttgttggtct gagaaggcag gataagtac cacaatttta tgccactacc tccaccaggg 360
 agagtccctt tccacaggct tgataaatc aatcaccaac tgtgctgtcg tccctgactc 420
 tgctactccc gttcttctct ctttctctgt ccgtatctca gtctgcactg accccaaggc 480
 tgggctgaca tcaagatggg agcccagccc acgggcttta taaacaccca agaaccgttt 540
 cagatcttct ctggtgctga tgcangtagt tttaaatttt tctcaagttt cagtgataga 600
 aaaccacac aatcatcctc tggccagtct taatagaata tcagaggttt anaaggccct 660
 tcanaagaac ttttnacnca atgctgctt gggggaaang gaaagttgac ttaacccccg 720
 ggttcaaacc tggccatttn anggggaaaa aancttnaag gttcnttacc cntngnttg 780
 gcatgcttgc cncncnc 797

<210> 3254

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3254
 gnnnnnnnnng gtnnnntttc aaatccttgc tcttgcntgt ngttgatccc tcgattcgaa 60
 ttcggcacga gggagcaaat aataagccct tgtgtgtgtt tttggcagaa aagccatgaa 120
 gacaagcaga tgctaataaa agaatctgca tctttgttng ttattccatg ttaaagggtt 180
 gaaataaagg taagagaatn tttgtactgt tggtatcccn aatccatctc ctgttctact 240
 ctctattcaa aataatcgta cagtactaa cagagctttc agaccaacag tattttttat 300
 ttttcatttt aagttcaggg taccaacatt tctttccatg gatgttgatg gacgtgtcat 360
 cagagctgac tctttttcaa aaatcatttc ctctgggttg agaataggat ttttaactgg 420
 tccaaaaccc ttaatataga gagttatttt acacatacaa gtttcaacat tgcaccccag 480
 cacttttaac cagctcatga tatcacagct tctacaccga atggggagaa gaagggttca 540
 tggctcatgt agacagggtt atttgatttc tatagtaacc agaangatgc aatactggca 600
 gctggagaca agtggttaac tgggtggcag aatggcatgt tctgctgctt ggaatgggtt 660
 tatggnttaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgttaa 720
 gatggggggn tttaatgctt ccctggaaaa tggnttnttc cgtcgntang ttaannttcc 780
 tagncccttc ttnc 794

<210> 3255

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3255
 gnnnnnnnnng gtnnnntttc aaatccttgc tcttgcntgt ngttgatccc tcgattcgaa 60
 ttcggcacga gggagcaaat aataagccct tgtgtgtgtt tttggcagaa aagccatgaa 120
 gacaagcaga tgctaataaa agaatctgca tctttgttng ttattccatg ttaaagggtt 180

```

gaaataaagg taagagaatn tttgtactgt tgttatcccn aatccatctc ctgttctact 240
ctctattcaa aataatcgta cagtgaactaa cagagctttc agaccaacag tattttttat 300
ttttcatttt aagttcaggg taccaacatt tctttccatg gatgttgatg gacgtgtcat 360
cagagctgac tctttttcaa aaatcatttc ctctgggttg agaataggat ttttaactgg 420
tccaaaaccc ttaatagaga gagttatttt acacatacaa gtttcaacat tgcaccccag 480
cacttttaac cagctcatga tatcacagct tctacaccca atggggagaa gaaggtttca 540
tggctcatgt agacaggggt atttgatttc tatagtaacc agaangatgc aatactggca 600
gctggagaca agtggttaac tggttggcag aatggcatgt tcctgctgct ggaatgggtt 660
tatggnttaa aggtnaagnc tttatgntgt aaagaacctg tttgaagaaa angccgttaa 720
gatggggggg tttaatgcct ccctggaaaa tggnttnttc cgtcgntang ttaannttcc 780
tagncccttc ttnc 794

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<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3256

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ctaattcttn tcnntngctt tnnngangat ccatcgattc gaattcggca cgagagactc 60
ttcattctat caccctgtct cacaaaagac ttgcccaagg ctacgaagca nggcagtgac 120
tagagtcacg acatcagnaa ctagtcccat gttntttttt tcaactaccag tccctaggcc 180
ccaaaccgca gatcctgctg tgnngacat taagccctg actgttctag gctcaacttc 240
caaccctttc tgcaggctct attacctctg cctcatctc ccaacatgat aaccagagtc 300
ttccttcaca ttgtactgcc taccctctta tgttcccagg ctctcccttg gttttattac 360
ctccttgacg tccattttca gatcctgtcc attgatctcc acccgacaaa tgatcacctc 420
ataataccac tcccgccgga tgggtgtata ccagagactg cctgtgtaca agcgagtggc 480
cgatacctca atgatctang gaaaaaaaga ngcaggctcc gtgtcctggc acagaaggag 540
agtgaagccc caaggaccaa gcaataagat cagtgaattc ttgggggtggc aangtcttct 600
acaggctacc cttttcatct tctgcttnt aaacaaatca taccctaaagn gatttctant 660
ttctttaatg tgttcagggn gaaaagactt ttcnngaat ttttaattta tttggttcan 720
aatcatataa ggccttggan antaaaggta ttttaaactc aaaactggcc ncaattaaan 780
tntc 784

```

<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 3257

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ttnnnnnnct nnnngnnttt cnaatncttg tttctcgncc tttctgcagg atcccatcga 60
ttcgaattcg gcacgaggat ttctgaaact cttcagctac ttgccctttt ttatctgaaa 120
ccatcatacc ttctgaaaga aaaaagcata tcttcattga cataacagaa gtgagatggc 180
ccagtcttga tacagatggg accatcntnt atatggagag tggcattgtg aagataacat 240
ctttagatgg tcatgcatac ctctgcctgc ccagatctca gcatgaattt acagtacatt 300
ttttgtgtaa agttagccag aagtcagact catctgcagt gttgtcagaa acaataata 360
aagcccaaaa agataaacta gttgaaaaaa ctggcaaaat ctgtatacgt ggaaatttac 420

```

```

cangacagag actgaagaat aaagaaaatg agtttcattg ccagatcatg aaatccaaag      480
aaactttaaa gaagatgagt tgtgtaaatg gaactgaagg gaggggaagag ctgccttcgc      540
ctggtacaaa gcacacatgt gtatacacat ggggtcaagca gtgctggtct gtggctgcct      600
gtccagagga atgggaaata ttcctttgtc tttagcactt catttttcta aataaaaaatc      660
anccaatatg tctaaaaaaa aantttnttn ataataaacc tngaagccct nttanaacct      720
tntnntggag gtctnnnttt accntatgat tcccggaaact tggataagga atcccntttg      780
gattggnat  tttgggcnna aaaccncna nncttggaat cc                          822

```

<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 3258

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tttccctnaa aaaaattggn ncccttttng ggcctnaaa aattgggccc ttttgggggn      60
nnnnngccaa ngggaaatcc cccaatnnt ttttataanc cgggcctccg gttaanttcc      120
aaagccaatt ttaatttaac cttnaggggg ccttgggccc ctccccaatg ggttgggttn      180
nnnntntcca aaaaaanggc ccccccnnaa tttnccaaaa gggttntnt ttaacctttt      240
tccttnaatg gggggttnna aaaccctnaa aaattttnnn ttaaccaatt naccaccca      300
aaaaaatcct tttttnncca atttntntn cctgggaaaa ctttttccc tttttaatgg      360
ggctttttta ccttgggtcaa ccccccaact taggtanttt ggatgggtct taagctaann      420
gaaccnaaat tncgtgatca atttcacttt gtcacatcag ggaacctat cctcttagtt      480
ctcccattga gatttcactg ctggactaag attattcttg attogtagtc attggnntct      540
gnttccattc attttcagca ctgattatgt taatcgtatt gctttgagtt ttttctttgn      600
tcaaagtgtg nttattacat tcattttgnt tcatatacac acattntttt tttttaactg      660
gcattttgag gatattggng ttaatgggaa ggaaaaagga atggtgcaaa agcacatggn      720
atttgaattc caaagacctt gaccctcang cattagcaag gtcacttggg ttctgagcct      780
canttttctt actctcaaaa tggagggtaa tatcccgaag agnactttga caaccacacc      840
ttaaaagcct ggatgcaana atttnccttt tttgnaagta aattgnggct ggggtcttaa      900
ttncataatn ngggataatg gggaattcct anggggaatt ngggctatta ggaatcctn      960
cnattttaaa aaatgggtatt ttaacangcc ttggtaaaaa ggttcanttn catggccatn     1020
ngggaacaat gttccccntt tatgaannta cc                          1052

```

<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3259

```

gnnnnnnnttt nnnnnnnngt ttcnaatnct tggcattgat ccnttgnttg atcccttnat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc      240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagtgtg agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag      420

```

```

ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaatangg 480
gaaactattc agagaaaact taagccacta agttttatgg ngntttgttc tgtagcagaa 540
gcatagggcat actgacaata caaacgaaa tccttctaac gtagtggacc ttttcaggcc 600
agcatttttt tcttgaaaac ctggagcatg tattccatct tatagcagag atcactttca 660
caatgggttg ggctcttgga tttggaatgg atgatgtaat gaagccctct tntncagatt 720
ggnaactaat tactcttggg gaattgactn ggattccaca ccccttctta anaattntac 780
ttttnctctt tttatcaaac
800

```

<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

```

gnnnnnnnnt tttnnnnttt ttgnaaaanc ccccttttgc naaatngncc ctttttntgg 60
cangggatcc ccatntttat ntccggacatt ttccggccac cggaaggggc cgggggcccc 120
cgggccncca ggnccgggna aaggccccc ttgggcggcc cccggncggc cccaatgggt 180
tccaaaaagg gaaaaaaaaa aaagggggaa cctgggaagt tggcccanga aaangnaaaa 240
aaaggnaagn aaaccttccg ccaatgggaa tggggaaaaa taattttttc ttgaaaaacc 300
caaaaaagga atggttattt ttcaaattta aaaaaggaac nttgggaaga aagaattggc 360
ttcccacncg cagaaagggc attactggct atgtcaagta aaagaagtcc ttcaaagctt 420
agttgatgat ggtatggttg actgtgagag gatcggaact tctaattatt attgggcttt 480
tccaagtaaa gctcttcatg caagggaaac ataagttgga gggtctggaa tctcaagttg 540
tctgagggaa gtcaaaagca tgcaagccta cagaaaagca tttgagaaag ctaaaattgg 600
ccgatgttga aacggaagag cgaaccaagg cnttgcaaaa agagcttttc tttcactttc 660
gagaccaaag gggaaccagc tnaagggcn agaaaagttn gaaaaaaatt ccaaaggaac 720
tggtggaatc ccccaaaagg tttggttggg gaaagaaaaa tccccgcccc aangccaaaa 780
tttaaaaggt ttngccccc aagggaag ncttgnctt taaccagga attggggacc 840
ctgggantta aaaccnataa ttttcccgcc naatttnaaa aaattcnttt nggggncccc 900
naaaanggna aaaaaatttt nggggggttt tggnaaggna aaaatttnaa atttggattt 960
ngaaactttt ttngggaatt cccagaaag aacttttgac ctccnttng acctnaaaaa 1020
tttcccttg ggggggtgna anggatgttc ccaagctttg tggnatattg gtaaaatttt 1080
naaccttttn tncttacc
1098

```

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

```

gnnnnnattn ccttttnaaa tncncngaa ancccttgga agcactaccn ctngacccc 60
tttgaacgn cgactnctnn atatctcng gatataatag gtgataagtt ctgncaatta 120
gtaacatcng gaaaaaacag ctngncctg ggngaaaaag gatgccaaaa tngcctggaa 180
aagagcagng gagaggagtc cgggagatgn gngatgcac gggacgcanc atngntnaac 240
attcactggg tctgccaaaa atgtggattt gngggctgct tagatngtta caaggcaaaa 300
ggaaaggaaa gagttctaga gataaaagaa ctatatgctt ggatgaagtg tgtgaaggga 360

```

```

cagcctcatg atcaccaaca tttaatgccc aacccaaaat tataccnggt tctgntttga      420
cagacttcta gatgccatgc acactcttag ggaaaaaata ttgggattaa ancccatngg      480
cattggacta acaaacagga atttacaagg tnggaaantt ttncnaccaa tgaaaggggg      540
gatcncaagg ttttccagaa nggntcntaa tcncaggnaa taaaaattnc tctngggcaa      600
gccctgagtc ttaancagca aaaaactcc tcccgaancc tgnagaaaaa aggggggggca      660
gccaggcccn naaanggaan gtnaggcccn agatnaacaa ngtnacctcc ncccagnaaa      720
ccccannccc caactggnac cngggnaacc cacaacnttt gcngaagncc aaaaaagncc      780
nnnagangga aaaaaaaaaa naananaaaa aacctnnnag cccctaagaa accttagggg      840
nggcccncc                                     849

```

<210> 3262

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 3262

```

gnnnnnnttn nnnntttcta atgcttntna aatnccttgg naggcaggatc ccantttcaa      60
ancgcttgagg gcctatacca ggagagcgga tcccagacgt ggctgcattg nccatgggct      120
tctctgtgaa agaagacctt tcttggccag gactgcaggt gggtaacctg tttcatcgnc      180
cncgggctac cgtcatgggt gatggtgaag ggagtgaaca nancggccct acccccaggc      240
agngtcattt cgtacccttt ggagaatgca gttcctttta gncttgacag tgttgcaaatt      300
tccattcact ccttattttc tgaggaaact cctgttgttt tgcagttggc tcccagttag      360
gaaagagtgt atatggtagg gaaggcaaac tcagtgtttg aagacctttc agtcaccttt      420
gcgccaaagt cccgtaatcg cctgtttcaa gaaaactctg ntctcagntt caactcccct      480
caattctctg agtnggaaca atgaaagntg acctgctcnt ttctttctga acngcaagtg      540
ctacaatgat atttcaagct ttgctggcct cggacattaa gcattntagc ccaaggatca      600
attctnctg gaattaataa ttccacntgg gangcctggc aagggtttgga atgaaaaatt      660
ggggaagccc ttatggggga aananctttt gaacaanttc aataagaatg cnttcnaaag      720
aaccttgggt tgaccccntt gccaaaaant ttggcaacaa tgaacatngt tcaagncttt      780
tatggggggg gaantgccnn ngggntngaa nttaggcccc tngnaaaaat caattttgga      840
caacctcccc ttcataac                                     858

```

<210> 3263

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 3263

```

tncctttcna atccttnttg cangatccat cgattcggag tttttttttt tttttttttt      60
tttttttttt tttttttttt tttttttttg aagtttttag ttaattaang nncttgcgaa      120
aaatccanac cagntttatt tcaggggna nagtnanaaa ncncgtgcaat ntgnncttaa      180
ngggattcga ttngaggccc ccncncnggg gganantgtn anccagggat acnacaant      240
ncttggaag tcaactggana ccgacnttcn tgcatttngg gaaanaantc gggtttngg      300
nnaantaaag catthtgacn atgactgntg cctaaananc cntggcattg gccagggatn      360
ctgtggaacc cttttttntt tnaatgggtg ntgagcatta aactgncact tgttnanngn      420
nattagannc tttgatngna acttttnann anccccgaa nnctggnncc cctnaatntt      480

```

```

tnaattngcc cctntttttc cnanggggat atantatttn ntntngggtn ggaaaatttt 540
tanaggatna anntcnccct tttttntttt tttantcccn atcntttntt tntncttttn 600
nncccttttt tntnttgngc nnnntanaaa tttcnctgta antggatttt naattttngg 660
nnaannnant ntaanggntc cctttttttt aatttnanaa aatgggtttt natnttctac 720
tcttcnancn cntnnggntt ttcnacntca natgtngcnn nngnnaaaaa aantnntttt 780
ccatgggnct nnctaanaa aatcttcntt naatggtnntn tannnttttt caaan 835

```

<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens .

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

```

ctaatagctt ttcattcnaa tgcttgatgat cctcggatcc gaattccggt gctgtcggac 60
agattgccct agtaccaccc cacctatcag ggttatgcaa tggaacatcc tcgcccgaagc 120
tcttgagaaa ggcaaagaca actttgtaca gtgccctggt gaagcactca aatgggaaga 180
aaggaaatgt ctcatcctgg aagaaatcct ggcctaccag cctgatatat tgtgcctcca 240
agaggtggac cactattttg acaccttcca gccactcctc agtagactag gctatcaagg 300
cacgtttttc cccaaaccct ggtcaccttg tctagatgta gaacacaaca atggaccaga 360
tggttggtgcc ttattttttc ttcaaaaaccg attcaagcta gtcaacagtg ccaatattag 420
gctgacagcc atgacattga aaaccaacca ggtggccatt gcacagaccc tggagtgcaa 480
ggagtcaggc cgacagttct gcacgctgtg taccatccta aaagcacgca ctggctggga 540
agcggtttcg atcagcttaa ggcttggtgga ctcttcagaa cctgcaaaac atnaccgaag 600
gagcccaaga ttnccttat tgtgtgtggg gacttcaatg canaccaaca gaanaaggtc 660
tncaaacact ttgcttcttn cagnctnaac cttganagnc ggctacaag ntgctgaatg 720
cttgatgggc aatttagaac cccatacac ctacctgg 758

```

<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

```

tttctaatagc ttggctttga gncctctntt taaaatcctt tggcnactac tctgcacgat 60
gcggcgctga cccggnccgn cccacaccgc ctcttttctc ttctttgceg cggactccct 120
ttcctgcctc caagacctgg gtgtctacaa ctgtgagccc agcttgnccc aaaggcagtc 180
cccatgggac ctagactcac cttnccttg cctctatgaa accttctgct tgggcccanc 240
ccctgttcca gctcccgacc tgcacttctt tgctgggact cangcctcca agtccctgc 300
ccagcnagcg gnettcagcc accgtcttcc cctttcttcc gggccctgnt tgnagcanc 360
tttgagaaaa cccananggg acctngtgcc ccttgcnagc nctgtcgcct tgggtgcaaga 420
ctgncctgtn ctgcattcatt ttncatggtt gncgggggtg tggggntnnn cnnngcgnnn 480
cntgntcaca atcaancatn tatncctnan ntngggtatn acnaatggcc tnaagantgc 540
tacntctnan nnnnganttn tcangnnntn ttactaacnt ncnatngnnc ntnganatag 600
ncatgnantn ttagtntntg atntancnc natgacgccc ncataattat cctacaccac 660
anannaance ntccttnnag aanntgnent ctatgnaana gnctnnnaat gtggcnnncna 720
atataanntn ntntnctnnc atcntannnn nntcctacgt nannnnncat nnnnctntn 780

```



```

ggnnactatc ncatantaca tcnntnannn caccatnct nntntnanat ntctcntggg      840
nantnnntc tctnnanat ncnctaana ngatctctca nntacatgan ntanatanacn      900
natanngnnn anactnannn ngctctctct atnnnttatn nanngntcan nttacnnnan      960
nanmnaanng tatnntngtt cnaaanntat ntataaancn ncgtnnnttt nnannagatg    1020
tacnccnntn anntaannat ctangctccg      1050

```

<210> 3266

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3266

```

gnnnnnnant nnnntttnaa atccttnntg aatcctttga antaccatcc cnttttnega      60
attnggcacg aggaaagggtg gcgcgcttct cacggctgag ttgctgcgcc ttgcagacgg      120
aagctcccca caggcagagc tgcttgatg tgtagtcat gaaccagaga agccccgctc      180
catgagcagt gactcccan gccctgtgac ctccctcctn cttgcagctc ctctggcac      240
cagtcaccag ggctctctctg ttggtagtct ctgcttttct tcttggaat tctctgtgga      300
cctcgagatc tttaccctaa aatagtctctg ttgaatttca cctggcaat gttaaattgat      360
agcttatctt cacagatgcc agacaatgga caactacca tcagtcctct gctcacctga      420
gacaaatgca tgtctgattg ctctctctgc cctattgntt atgtgaaaat gcagattcac      480
tgagccagac taaggcatca gtgactgttc ctctacctgc ctctcacatg gagatttgtt      540
attcagtgaaggctgatca aagacccaaa ggaatgcaac agtttatctc ttatctacct      600
atgacctgcg aactggccaa caaccagtt gttgncgct tttcagacag aaccagtgtc      660
atcttacacg tattnaaatg gatgtcctgg ngctcnccta atatgtattc aaaagcaagc      720
tggggcctng accacccttn ggcacatatt cctcanggac atcattcctg angctgtgtc      780
actggcatgt ccttaanc

```

<210> 3267

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3267

```

ngnnnnnttt tnnnnnccgg tttgaaatcc ctttgaattt gnaatcggtg gtgatcccat      60
cgattcgaga aatcggaaca aaagtagaag ttgtggaaag gaaagaacat ttgcatactg      120
acattttaaa acgtggctct gaaatggaca acaactgctc accaaccagg aaagacttca      180
ctgaagatac catcccacga acacaggata gaaagaanga anccccgcct gtatttttcc      240
agcaaataa acaaagaagc tcttagcccc ccacgacgta aagcctttaa gaaatggaca      300
cctnctcggt caccttttaa tctcgttcaa gaaacacttt ttcagatcc atggaagctt      360
ctcatcgcta ctatatttct caatcggacc tcaggcaaaa tggcaatacc tgtgctttgg      420
aagtttctgg agaaagtatc cttcagctga ggtagcaaga accgcagact ggagagatgt      480
gtcagaactt cttaaactc ttggtctcta cgatcttcgg gcaanaaacc attgtcaagt      540
tctcagatga atacctgaca aaagcagtgg aaagtttnca attgagcttc atgggattgg      600
gaaatatggc aacgactttt taccgaatt ttttggggcn aatgaagtng gaagcaaggt      660
gcacctgga gaaccccaa nttaaattna attttcatga cttggctttt gggaaaaaaa      720
anantgctt nttaaaaaaa aaacttgagg cttttttgaa cttttggggn gtcggnntta      780

```

cctagatccg gaccttgnta agntncnttg gntggnc

817

<210> 3268

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 3268

gnnnttggtc	taatgctngg	ctctcgttct	ttctgcagga	tcccatcgat	tcgaattcgg	60
cacgaggata	ggccacattc	cagtaagaac	tcaatttgtc	tcccaaattt	gcagaaacaa	120
aacgtgattt	aaaagctgag	ctttttatca	gaaagctttt	ttgatgtttt	aagtgttatg	180
tgacttggtg	aactttttta	aaagtgtctac	ttttaaaatc	ccagatactc	tgaatttttag	240
aaaacaaact	aattctgatt	gtgtcggtgc	caagtaccct	ttttttttta	tgaataggga	300
ccaatgccac	attgcttttt	atatttcttt	cttttttaat	gttgccaaaa	ccaaaagtag	360
ctttgttttc	ctttgtattt	tgctactttg	cagtatttgt	gtgtgtgggt	ttntttcctt	420
aatttgaaag	ggacagnnct	gtgtatgttt	ataaactaaa	tgaagataag	atattatntt	480
gtataaacat	tcacttgaga	acaatcaaag	cagtagccac	atgggtgctg	ctcctttgca	540
gcacaaacct	ggtcattttg	atgactgtca	acaggaagac	ttgaaaaatc	acgtggattc	600
atattaccac	cgctctcatt	tcattggagtc	ttctgatcaa	aaaaaagctc	acgtcgattt	660
tcttctttnc	tttctctttt	ctaagaaaat	tgggtgttnt	gaccagaatg	ggaattttgc	720
ttccn						725

<210> 3269

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3269

gnnttgaann	ccctttngnt	tcanatnctt	gtttgangcc	cttntnnagg	accccatcgn	60
ttcgaattcg	gcacgaggct	atttgaagta	cctgtaacaa	aacagttggc	cctctgtttc	120
catgtactct	gcactctgtg	attaaaccaa	ttgcagatca	aaaatattag	aaaaaataaa	180
aataatacaa	ataaaaaatac	agtatnncca	gttattttaa	tagcatttac	attgcattag	240
gtattagtct	agggataaag	tatacaggcg	gatgtgcgtt	ggttatatac	aaatatgtca	300
ttttatgtaa	gggacttgag	tatacttgga	tttttggtat	ctgtgggttg	gggggacggt	360
ccaggaacca	ataccccatg	gataccaagg	gacaactgta	cttatttacc	tttattgtca	420
ttgcaagctt	cttatggaaa	ctttatagga	atgaaaatat	acatgttaag	aagattaaac	480
attagatagt	agatggtttg	ttgcatgcta	gaactgttag	tattgttgaa	tcaattactt	540
tggtttcatg	aaaaaataaa	cgataaatat	ctttaaagag	aactagaaga	attttttgtt	600
tgagtnattc	cangctgnag	tatgatcntt	tactgaagta	gtttgattgg	ctggctaaac	660
ttanaattat	tggtttcttg	gtttgtanct	gccantaggg	gttantaatt	gtaangataa	720
aaatggtntg	tgtggnttaa	agggaaatta	ggtggnggtt	aaaaatcttg	ggaaaatttt	780
ccgaac						786

<210> 3270

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

tttcaaattcc ttgttnacgc cctttntnan ggacccctcg nttcgaattc ggcacgaggt	60
tttgttctct tctttgacta ttaaaaagct cagtgcctna ttttctaac atatggcaag	120
tgtttctgtg taccttacia gtctatatat aaatttttct tctcttgaca gggttntatc	180
tatatncccc aagtnacccc taattctttt agaataaggc agaaaataaa tcaacgtaaa	240
ggttgagacc aagccagaga cagctggcca aagtagctgg ttcagggata taacctgcaa	300
gttgccaaac cagcgcattc ttctcaccct tcttccaccc tacgaaaggc catatcttac	360
aagagatgct ggtaaatgcc anacattcac tgnngtnaggc ttnttcacan ctagcagtgg	420
catgagatca gttcaatcca atgacactga aatggaaactc tccaagttag tttctgcaaa	480
agacttctct gttaacaggg agttnttaag ggaaatattg caccttcctt tcccctgctt	540
tttcaatcna ngcatgatgt cnggtgctac cngnaaccca tactgcnaaa catgagggca	600
aatgagcctg nggggaattta aancntnaac actaattnaa gangaaaaaa gatgcagaan	660
cctngatcct tantggncca tnatttaanc cccttggacc cactttttga aaccagnctt	720
ctanaacctt tnnngtgagtc nnntttactn ggatcccnta actngataag aancnttgn	780
ntcc	784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

caaactnntt gctctngttc tttttgcagg atcccatoga ttgcgcacag ctctccaata	60
ctcagggttaa tgctgaaaaa tcatccaaga cagttattgc aagagtttaa tttttgaaaa	120
ctggctactg ctctgtgttt acagacgtgt gcagttgtag gcatgtagct acaggacatt	180
tntannggcc caggatcggt ttttcccagg gcaagcagaa gagaaaatgt tgtatatgtc	240
ttttaaccgg cacattcccc ttgcctaaat acaagggctg gagtctgcac gggacctatt	300
agagtatttt ccacaatgat gatgatttca gcagggatga cgtcatcatc acattcaggg	360
ctattttttc cccacaaacc caagggcagg ggccactctt agctaaatcc ctccccgtga	420
ctgcaataga accctctggg gagctcagga aggggtgtgc tgagttctat aatataagct	480
gccatatatt ttgtagacia gtatggctcc tccgtatctc cctcttccct aggagaggag	540
tgtgaagcaa ggagcttaga taagacaccc cctcaaaccc attccctctt caggagacct	600
acccttcaca ggcacangtc ccccaaatga gaagtctgnt acccctcatt tcttnatctt	660
tttacttaaa ctcaagaggc agtgacaggn agtcaggggc aagacattac atttttcata	720
ctttcccaca tctgaaaaga tgacagggga aactgcaaag cc	762

<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

```

ccttttctaa tgcttgccat ttnaatcctt gttgatccct cgatttnaat tcggcacgag      60
gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtgggtg tggatgatttt      120
ggataaagag caccgccag tggagaaatt cgtctttgag atcaccagc ctccactgct      180
gtccatcagc tcagactccn tggtgntca tgtggagcag ctgctccggg ccttcactct      240
gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt      300
cctgggtgcac acgagagaag ccgcactcg caacatggag aagatccagg tcatcaagga      360
tttcccctgg atcctggcgg atgagcagga tgtccacatg catgacccc ggctgatacc      420
actaaaaacc atgacgtcgg acatttttaa gatgcagctt tacgtggaag agcgcgctca      480
taaaggcagc tgaaggggca cctgcacccc actgatgccc aaactgtcag actttggggg      540
atccccgcct tagggcagtg ctgcatggct gccctgattc caaagtgtc ttatcgctc      600
tgtgtgtggg atcgcccgcc ccaaccccg ggccgcttna gtcttgcttg gnaggatgcc      660
ttccccaggg anggcagtga ngggatgcc caacctngac ttnttannct cctgggggtt      720
ccgccgggcn aaaactggct gncttaata ctgggcttgg nagttgtttc aataaaaggc      780

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<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 3273

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attcgaattc ggcacgagag aagttctagc acatcttaat tnccttnata gtttaattga      120
tgaagagcat tgntgaagag ttaggaggtc tccctttgtc ctacattntc cgntttttta      180
gaatgagaag atgagaacga cctccagttc acatgacggc tgcngngagg atccagtang      240
ggagatacag tgctcagcac caagcatgtg caagtgcgca caatccaatt ttacatcatg      300
ttacccctcc aggacagttg ctttgacgtg gaaggatatag agggagttga aagganggtt      360
tgcagtggtg gcagangtgc cctgcagcct tcctntncaa gctgnaance gttntntgncc      420
ncttggaanc ngttggaaag tgtgtggtat ggnatgaaga tcccattttg actctgttctn      480
tgatcttgnt tactnaagtg anccttgctc nttagcngta ttggatgatn cattgatect      540
anctatccct taactggctg ggtgntgctn cngggggaca ttgntttttn nncaatttcc      600
aatgcatncc ttnnnngnanc tnttctctgt cacancanc caattnaatt natanctgt      660
gnattngaanc cnaanttcc cagggccgtn ngntagctcn tntaaaanng ggntcaanta      720
aantttnnnt atgangccnt tngtataann tttntaacc atnggnntnt atgncnantt      780
ncaacctgng gttinctttn ataactnggc nnttttgtaa attcnnngtn tntnttgata      840
atntacnttn ttttctttna tnagnggctt tatntcaaan taatccncga atanntaata      900
taattgttct atnnatgna ncngcc      926

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<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3274

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aggnnnnnttg taannccnta ctgaaatcct ttgnatcncc tcnttgtttg acccattnat      60
tcggggccggt tattctctct ttacagatag ctatagacat catttttagga agtgttgcag      120
tctggcattt gtgctattgt tcattctctg tgaaggctgt tcatagttgc tatagcctgt      180
gttttagttt gtgatttcat caatcccatc tttccgcgng antaatgcat tctaaacatc      240
ctaccccact ttagaaacgg acgtggggaa cgcttgggtca ttttaagccaa caataaattt      300
aggtgaatgt ccctaagtgt ttactgnntt tatccagtca aggatttgc tttccttgaa      360
catttgttt aaattctggg gccaaaatgc aaaggagaag ttctattcaa aggcagtagt      420
tgaaatctat tatttttagt agcctacttg gcatttacta catcggtcac ttctccaggc      480
tgccctaaat taggttgatg gagtgagaca tgccaaacat tcacctttgg gaccatagca      540
tagttaaaat taaatgtagt tggaatagct agcattgcag ctacagtagg ggaactgtag      600
tctanttccc ctcagaaaaa cccaaggagt tgaanggaca ggattttgnc tangcnaaaa      660
atctaagact cgtgcccttc tggtagatng gggttttaag actggaatgt gtaataggag      720
cactgccttt gcccaatcna atgantgaca ggttaactnn gaaaatggga caatcacatt      780
tcncttac                                         789

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<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

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gnnnnnnnng tnnnnntttt aaancccttt tcaaantnct tggcattgaa tccttgcaga      60
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ttctgccaca caaagaactt ggggtgtaag gataaggcaa aagctocaat cccatttttc      180
agttctecta ggatgcaccc ctcagggagc ctggccagag ttccgnggcc cgtgagcgtc      240
agctgttgct ttattttcca tcaaagccct ctgagaagtg agacctcagc aattccggga      300
gccacataga gacagacttg gcaagggacc cctggntct gagccagtag ctgccatctg      360
gaaattcctc ttttagcctc tccttagagg tgaatgtgaa tgaagcctcc aggcacccgc      420
tgaatttctg aggccttgct taaagctcag aagtggttta ggcatttgga aaatctggtt      480
cacatcataa agaacttgat ttgaaatggt tttctataga aacaagtgt aaagtgtacc      540
gnattatact tgatgttggt catttctcaa gtctatttct tcagntctat nattntagaa      600
cctangtcag ttctttaagn attataactg gncctacatt aaaaaaatgc ttctcgaaaa      660
aaaaaaanna tnnnantaca aannaaaaan cttcgaccct ttaaacctt ttggggngcn      720
gatttacctn ngaanccgga cctgatnaga aanccntggt taaagtntgg anaaacccca      780
cctnnaaagg cnagggnaaa aaaaagcccn tttc                                         814

```

<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

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gnnnnnnnttt nnnnnnnngt ttcaatnct tggcattgat ccnttgnttg atcccttnat      60
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ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc      240

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ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagttga agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag      420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaatangg      480
gaaactattc agagaaaact taagccacta agttttatgg ngntttgttc tgtagcagaa      540
gcataggcat actgacaata caaacggaaa tctttctaac gtagtggacc ttttcaggcc      600
agcatttttt tcttgaaaac ctggagcatg tattccatct tatagcagag atcactttca      660
caatggttgg ggctcttggg tttggaatgg atgatgtaat gaagccctct tntncagatt      720
ggnaactaat tactcttggg gaattgactn ggattccaca ccccttctta anaattntac      780
tttttctctt tttatcaaac
                                         800

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<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

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ngnnnnnttt ttnnnnccgg tttgaaatcc ctttgaatth gnaatcgttg gtgatcccat      60
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acattttaaa acgtggctct gaaatggaca acaactgctc accaaccagg aaagacttca      180
ctgaagatac catcccacga acacaggata gaaagaanga anccccgctt gtatttttcc      240
agcaaataata acaaagaagc tcttagcccc ccacgcagta aagcctttta gaaatggaca      300
cctnctcggt caccctttta tctcgttcaa gaaacacttt ttcattgatc atggaagctt      360
ctcatcgcta ctatatttct caatcggacc tcaggcaaaa tggcaatacc tgtgctttgg      420
aagtttctgg agaaagtatc cttcagctga ggtagcaaga accgcagact ggagagatgt      480
gtcagaactt cttaaaccctc ttggtctcta cgatcttcgg gcaanaaacc attgtcaagt      540
tctcagatga atacctgaca aaagcagtggt aaagtttnca attgagcttc atgggattgg      600
gaaatatggc aacgactttt taccggaatt ttttggggcn aatgaagtng gaagcaaggt      660
gcaccctgga gaacccccaa nttaaattna attttcatga cttggctttt gggaaaaaaa      720
ananctgctt nttaaaaaaa aaacttggag cctttttgaa cttttggggg gtcggnttta      780
cctagatccg gaccttgnta agntnctttg gntggnc
                                         817

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<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

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gnnnnnnttt gaaanccctt tcnatnctt ggcattgntc tctttgcagg atccctcgat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaaag gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc      240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagttga agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag      420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg      480

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gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa      540
gcataggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc      600
agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac      660
aatgggtggg ctcttggttga tgaattgatg atgtaatgag ccctctttnc ngattgnaac      720
ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan      780
taanc                                          785

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<210> 3279

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3279

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gnnnnnnttt gaaanccctt tcnatnctt ggcattgntc tctttgcagg atccctcgat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc      240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag      420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg      480
gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa      540
gcataggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc      600
agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac      660
aatgggtggg ctcttggttga tgaattgatg atgtaatgag ccctctttnc ngattgnaac      720
ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan      780
taanc                                          785

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<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3280

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gnnnnnnttt gaaanccctt tcnatnctt ggcattgntc tctttgcagg atccctcgat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggccctcac cagacgccag tgccatgttc      240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag      420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaataggg      480
gaaactattc agagaaaact taagccacta agttttatgg tgttttgttc tgtagcagaa      540
gcataggcat actgacaata caaaccgaaa tccttctaac gtagtggacc ttttcangcc      600
agcatttttt ccttgaaaac ctggagcatg tatccatctt atagcagaga tcactttcac      660
aatgggtggg ctcttggttga tgaattgatg atgtaatgag ccctctttnc ngattgnaac      720

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ttaattactc tgggnatttg ntggattccc aaccttctaa tatttacttt tcctctttan 780
taanc 785

<210> 3281

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3281

gnnnnnnttt nnnnnnnngt tttnaatnct tggcattgat ccnttgnttg atcccttnat	60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa	120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag	180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc	240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttccacgt	300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca	360
tcctagttag agcctcccta ggccaagcaa ccgtccaact accagacatt gaccattcag	420
ccttgaacat tcagcacaaa gacaaaacag accagaccag aagagtccca cagaatangg	480
gaaactattc agagaaaact taagccacta agttttatgg ngntttgttc tgtagcagaa	540
gcataggcat actgacaata caaacgaaa tccttctaac gtagtggacc ttttcaggcc	600
agcatttttt tcttgaaaac ctggagcatg tattccatct tatagcagag atcactttca	660
caatgggttg ggctcttgga tttggaatgg atgatgtaat gaagccctct tntncagatt	720
ggnaactaat tactcttggg gaattgactn ggattccaca ccccttctta anaattntac	780
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<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

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ggatcgcttg agccancag gtcaaggcta cantnagccg tgatcatgcc actgcactnc	180
aaactgngng acacagngag accctgtctn ttaacaacan ancccatgag cggcangccc	240
cccagtctgg atggtggtaa agaatectta agatcaaacc cacgcagtgc ttaaagcttg	300
gcctgattct agggctgggg ctggacaaac tgctanagat natgccgata gccngtgtga	360
tccccctgnc ctgatngtna anggcatagt gcagantgga accctttccc tccccaaan	420
attcagacct gnnnggctga gtgggcctta ttgagtcccc aaagtctctga gaantnggt	480
ntctggcttt tagccttcag ctttcttagg ttntgatgca atnagttgng tccccctgcc	540
cttttcttgc catgcacttn cgaangaang gtttncnngg ttgcntggga ancnttnccc	600
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acttttaaat nccggaagnc ctttnaacnc ccttgggntc ctccccnga ntacccaagc	720
ttnaaatcca aaattaccgg natcnttagg gctttgtagc ntntgggttn ggntttgcnt	780
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<210> 3283

<211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 3283

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cacgngatta	cctncaaatc	tcaaggcggc	cttgaacatt	gagaaagaac	taccaaagcn	120
tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccgc	acctcttgtc	180
accgtaccaa	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcgg	aggancatgg	tggcatcaaa	gattcctctg	ccacanatct	gatagataac	420
aggaaagtgc	cactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aatgagtg	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcgttttag	cnangaagan	ttccttgggc	tatgccccca	cttggttaagg	600
aanattnatn	naaaaggcct	nncctnangg	gnttctgggg	aaaatttggc	ccaccantat	660
gnttnnctg	ggnatttgaa	aaantatttt	tgganaaagc	cttaaanaat	tttgggggga	720
atttaaacc	tttggttaacc	caataggtat	ttggtatnta	actgggggtn	ggngnnccct	780
tnacttgggg	aaaacntttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttn	840
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<210> 3284
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3284

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agtggtagac	tgggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	acttttgata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
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actcccctat	aatcagtgtc	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atggggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
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gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaaatttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcat		705

<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285

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tacattaaga	ttcttttaat	ctataagttc	ctgctccatc	tgatcattta	tttttatccc	180
ttgaaattta	tttattgaag	aaactatata	ctttgctttg	taaaattttc	cacagtgtgg	240
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ggcgccttga	tcagatttaa	gttgattttt	ggggacgtaa	ttacttcata	ggtattatgc	360
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cagtgtgcaa	aatgaattgg	tagaggagaa	atggagagct	gcgaattaga	aggcagggtc	480
aatcagtga	ggaaggaaa	gctacagtaa	ggcagaggca	gggaaaagaa	aggcaataga	540
gatgagagag	at tttgaaa	aaggaatttt	caataccttt	taggcttaac	tataagaaat	600
ggagagtcgg	ctgggcatgg	tggctcatgc	ctgtaatccc	agcactttgg	aaggccaagg	660
ccagtggatc	acctgaggtc	aggagttcaa	gaccaacctg	c		701

<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286

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tgattatgaa	agaaataagg	cacaaccaca	gtttttcttt	cttaaatttc	atcactgttg	180
atgtggttct	tttgtgttaa	aaaaaaaaag	tgcaactatc	aaaactaaaa	aattatagag	240
taatattgcc	gttctgctga	ttttaaatat	acaatacatc	atacatactt	tacaagcaag	300
ttaaatggag	ataaagttga	aatcatagaa	gatgcaaatt	acctttcaaa	atcaacacaa	360
tgtgttctga	aactttcgtg	actaatacca	tgcactctgt	atcaatgaac	tatgtggttt	420
tgaatcggat	gtagaccatt	agtactacta	cttgagctaa	acttctgcat	ggttcataat	480
ttttaaagt	tgtagttaat	atgcatgtta	tcgtcccttc	ttccattctt	aacagtatgt	540
gccattttgc	aaaacaaaaa	tgctaataat	cagtaatagt	cctataaaaag	atgttaactc	600
tgtttagtca	ttgactgata	ttgctctaac	cttaaaattt	tgtgattatt	gacctctgtt	660
gcattttatt	ttaaagcccc	caaaaattat	ctagccgttt	cgaag		705

<210> 3287
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3287

nctaagtctg	gctatngttc	tttntgcang	atcccatcga	ttcgaattcg	gcacgagcca	60
agcgcagccg	attctgcccc	ctacgattgg	ttcggggact	tctcctcctt	ccgtgccctc	120
ctagagccgg	agctgcggcc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtgcc	180

ctgagctacg	agctgttcct	cggaggcttc	cctaattgtga	ccagtgtgga	ctactcatca	240
gtcgtggtgg	ctgccatgca	ggctcgctat	gccccatgtgc	cgagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gatccctgga	ccgtgtcctc	tgaaggtgtc	420
cacactgtgg	accaggtgtt	gagtgtggtg	agccgcgtgc	ttgtccctgg	aggccggttt	480
atctcaatga	cttctgctgc	ccccactttt	cggaccagac	actatgcca	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcggtttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccag	ctggctctgg	gggccc aaat	cctctcacc	660
cccagacctn	ccacctcacc	ttgcttcctt	caggactcaa			700

<210> 3288

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3288

gtacaatgcn	ggnngctcgt	tctttccgca	ggatcccncg	atgcgaattc	ngcccagagca	60
gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgtatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataaacc	ctgtcctata	aagttgactt	gcaaatgaag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtgga	gtgattgtga	tgaagcttga	660
aagattgcct	ggggccaggc	tgttgaangc	ttggtttgct	tant		704

<210> 3289

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3289

gtacaatgcn	ggnngctcgt	tctttccgca	ggatcccncg	atgcgaattc	ngcccagagca	60
gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgtatcag	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataaacc	ctgtcctata	aagttgactt	gcaaatgaag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtgga	gtgattgtga	tgaagcttga	660

aagattgcct ggggccaggc tgttgaangc ttggtttgct tant

704

<210> 3290

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 3290

ctaattgctgg	ctctngttct	ttcngcagga	cccatcgatt	cgcagagatc	aaacaattgt	60
agatcccttc	agttcaaac	ataatgtgat	tgtgggcaga	aatggatctg	gaaaaagtaa	120
ctttttttat	gcaattcagt	ttgttctcag	tgatgagttt	agtcactctc	gtccagaaca	180
gcggttggct	ttattgcatg	aaggactagg	tcctcgtgtt	atttctgctt	ttgtggagat	240
tatttttgat	aattcagaca	accggttacc	aatcgataaa	gaggaagttt	cacttcgaag	300
agttattggg	gccaaaaagg	atcagtattt	cttagacaag	aagatggtca	cgaaaaatga	360
tgtgatgaac	ctccttgaaa	gcgctggttt	ttctcgaagc	aatccttatt	atattgttaa	420
acaaggaaa	atcaaccaga	tggcaacagc	accagattct	cagagattaa	agctattaag	480
agaagtagct	ggtactagag	tgtatgacga	acgaaaggaa	gaaagcatct	ccttaatgaa	540
agaaacagag	ggcaaacggg	aaaaaatcaa	tgagttgtta	aaatacattg	aagagagatt	600
acatactcta	gaggaagaaa	aggaagaact	agctcagtat	cagaagtggg	ataaaatgag	660
acgagccctg	gaatatacca	tttacaatca	ggaacttaac			700

<210> 3291

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3291

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ctttgctgaa	taaggatttg	aagccacaga	catttagaaa	tgcttatgac	ataccaagac	120
gaaatctttt	ggatcactta	acaagaatga	gatctaattc	tttgaagagc	actcgcagat	180
ttctgaaagg	acaggacgaa	gatcaagtgc	acagtgttcc	tatagcacia	atggggaact	240
accaggaata	cctcaagcaa	gtaccttctc	cactaagaga	acttgatcct	gatcagccac	300
gaaggttgca	tacatttggc	aaccttcta	agctggataa	gaagggatg	atgatagatg	360
aagcagatga	atttgtggct	ggacctcaa	ataaacataa	acgaccggga	gaaccaaata	420
tgcaagggat	ccctaaaaga	cgtcggtgta	tgtctccact	actaagaggc	agacagcaga	480
atcctgttgt	aaacaatcat	attgggggaa	aaggaccacc	tgacactaca	actcaagcac	540
agccagatct	tattaaacct	cttctctctc	ataaaatttc	agaaaccact	aatgattcga	600
taatacatga	tgtggttgaa	aatcatgttg	cagaccaact	ttcatcagac	attacaccaa	660
atgctatgga	tacggaattt	tcagcatctt	ctncagccag	ttag		704

<210> 3292

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3292
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 catgtaccag gttgagtttg aagatggatc ccagatagca atgaagagag aggacatcta 120
 cacttttagat gaagagttac ccaagagagt gaaagctcga ttttccacag cctctgacat 180
 gcgatttgaa gacacgtttt atggagcaga cattatccaa ggggagagaa agagacaaag 240
 agtgctgagc tccaggttta agaatgaata tgtggccgac cctgtatacc gcactttttt 300
 gaagagctct ttcagaaga agtgccagaa gagacagtag tctgcataca tcgctgcagg 360
 ccacagagca gcttgggttg gaagagagaa gatgaaggga catccttggg gctgtgccgt 420
 gagttttgct ggcatagggtg acagggtgtg tctctgacag tggtaaatcg ggtttccaga 480
 gtttgggtcac caaaaataca aaatacaccc aatgaattgg acgcagcaat ctgaaatcat 540
 ctctagtctt gctttcactt gtgagcagtt gtcttctatg atcccaaaga agttttctaa 600
 gtgaaaggaa atactagtga atcaccacaca aggaaaagcc actgccacag aggaggcggg 660
 tccccctgtg cggtcttangg ccctgtcagg aaacacacgg g 701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3293
 nctaagtctg ggctctcgtt ctttccgcag gancccatcg attcgaaaaa ttgtgatgta 60
 agtggtagac tggggagaat ttagggctct cagaatgcag aaaactagcc acctccagtt 120
 ctgtgcctga ccaccatctg actttggata aatcccttct gctctccac ctagctttat 180
 catttgtaaa atgagtctct aggtacagcc ctttctgggg ttgagacaga gtttctgagg 240
 agtaaaagcc atgtcattgt ggaaacaggc agctattctc acagctggca tgagccact 300
 actccctat aatcagtgt gataaaactgc tctcatttgt tggacttcag actttcctga 360
 cccactttga atgggggcca ctttgaatgg aaactttcta tgtattgaat taaaagatct 420
 ccaagataaa tggttaaatg aaaaagcaca gtgcaaaatg gtgcataatga taccctacct 480
 tttgggtaaa ataaaaaaa aaaaaaaa aaaaaactcg agcctctaga actatagtga 540
 gtcgtattac gtagatccag acatgataag atacattgat gagtttggac aaaccacaac 600
 tagaatgcag tgaaaaaaat gctttatttg tgaaatttgt gatgctattg ctttatttgt 660
 aaccattata agctgcaata aacaagttaa caacaacaat tgcatt 705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3294
 gnnnctaagt gcnnggctct cgttctttct cgcaggatcc cncgattcgg aattcggcac 60
 gagctctatc ttgtttattg ttgatgccat cttagaggaa aaaatgtaaa ggtaagtaat 120
 taagcatatg acagcaacaa ataagatact tataacctaa tgggacttta tttttagtct 180

ttatgtatta	caaaaaatcc	acctttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gatcgactgg	gttttaatgg	cctagttatt	tgaggatttt	gctgtgttg	300
tttccatgtc	ttctctggtc	accttggatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggctttag	420
tgaataactt	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggt	gcagaacttg	taccaagtac	aaaaggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gcctgtactg	ttaatttcct	gtataattca	cttaaataaa	agcagggtta	cctcaatgat	660
agcaggtaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1073)

<223> n = A,T,C or G

<400> 3295

ttnactnate	gcttggttg	ttctttttgc	aggatcccat	cgattcgaat	tgggcacgag	60
ggtaaagagc	aagtaatgag	cttgtccgtc	agctggtagc	tttcattcgt	aaaagagata	120
aaagagtgc	ggcgcatcga	aaacttggtg	aagaacagaa	tgagagaga	gcgaggaaag	180
ccgaagagat	gaggcggcag	cagaagctaa	agcaggccaa	actggtggag	cantncatat	240
annanntctg	gtcgnctntn	gnctntttgt	ttantcnnat	ccntccccct	nccnctctc	300
tnntccnccc	tottatnact	tenttnttcc	ntcttnttcc	tntnccccct	tccnctttna	360
tcttccnntt	ntnntnttcc	ntcccttctc	ncnccnctc	ttctctctnt	cctcttctatt	420
ctntccnctc	ccttctctct	tctactcten	tcncttctct	tctctattct	cttctntctn	480
tntcttctcc	tatccactna	entccntctc	ctctcatccn	atctcatnnc	tctctctcat	540
ncntanntct	tctctccact	ttctctctac	natntctenc	tactctctna	tcananacct	600
ctnttccntc	ttctatctct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
ttctctctnc	ntctctctac	ttctactnct	tatttctctn	nttctcatca	gtctcttntc	720
atctcttctc	ctnctgttta	ctntctnctc	ctctatctct	tntatntctc	cctctctctc	780
cctctatntc	ctanctcatn	tctctnctc	ctnctctctc	cccttctcct	cgtctctncc	840
aantnctntc	actgctctcc	tctctnctc	ttcttcttca	tattctctct	ctctctnttn	900
ttctnactct	ctctctctct	ctctnttctc	actgctgctc	tctnctctnn	ctctctnctc	960
acnccatna	ctcactctct	ctctctctct	cnctctctc	tctctctnct	ntnttctctc	1020
ncttnttctc	catcttctct	ctntctctct	ctctcactct	acttntctct	nnt	1073

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3296

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ccgaagaaaa	agactgtggt	ggcgagatg	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtttgcc	ttctctctat	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaat	gagcctctga	240
gcttctctaca	gctcctaact	gaatacatgg	agcactacta	cctcatccac	aaggccagtt	300

cactctctga	tctctgtggaa	aggatgcagt	gtgtagctgc	gtttgctgta	tctgctgttg	360
cttctcagtg	ggaacggact	ggaaaacctt	tcaaccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttgga	tttagactca	tctccgaaca	ggtcagccat	caccaccaa	480
tcagtgcatt	tcatgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcataacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

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acagcccaaa	tccgggagca	ggagggcctc	ctgccttggc	atatagacc	ctgggcgcct	120
ccctgggatg	cccaccaggc	ccagggatcc	acctagggtg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tggcacatcc	tgcccttgc	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcttttt	ccagtgggtc	gatgagaaca	ccgtccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtcc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	ttaaccagga	ccaagtggcc	600
atttagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtggggc	cttctgtgtg	660
taaggggcac	aaggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

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tgtctctgga	gacccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cggtgggctg	ggacttccgt	ctgaatttta	aatacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgctttag	tttcctgttt	240
gctggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gccccggggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agcccctcga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctggggctc	tggatgggtc	cccgtccacc	tccttcacga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtgtaacc	ccagtccctg	cgtangttta	cagnctctca	600
aggtaacntg	nccccgntc	tcctgggana	nangnntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nntcganagc	cngaagccc		709

<210> 3299
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3299
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 agacccgagg ctccgtgtac taggtgcgaa tgccgccttc tgtggtgacc actgtcttct 120
 catcctttgc acctatagga ggtgagtgcc tttggggaag acggcgaggg cgacgacctg 180
 gacctatgga cagtgcgctg ctctggacag cactgggagc gtgaggctgc tgtgcgcttc 240
 cagcatgtgg gcacctctgt gttcctgtca gtcacgggtg agcagtatgg aagccccatc 300
 cgtgggcagc atgaggtcca cggcatgccc agtgccaaca cgcacaatac gtggaaggcc 360
 atggaaggca tcttcatcaa gcctagtgtg gagccctctg caggtcacga tgaactctga 420
 gtgtgtggat ggatgggtgg atggagggtg gcagggtggg cgtctgcang gccactcttg 480
 gcagagactt tgggtatgta ggggtcctca agtgccctttg ngattaaaga atgttgggtct 540
 atgaaaaaaaa aanntnnccc antcnccaan ncnttctnnc nnanctcnnt tnntnctncc 600
 antttnnccct ntncncccta ntctnccnct acttccnath naccnataca tccccntcac 660
 ttnattaant ccatnttan antngenenc tnntcnnaac ntcntctcat acntggtnntn 720
 atcanttctc tanatcctct ctcnctctc cgncgctnna ctnttctctn tancactcac 780
 cct 783

<210> 3300
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3300
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 cgaggcctgc tgcttcatgc cgcggcgctc ctgctccacg tctctgtgct gctgggcccct 120
 gcactgtcgg ccctgctgcg agcccacacg cccctccaca tggtgcctt cctcctgctt 180
 ccctggctca tgttgctcac aggcagagtg tctctggcac agtttgctt ggccttcgtg 240
 acggacacgt gcgtggcggg tgcgctgctg tgcggggctg ggctgctctt ccatgggatg 300
 ctgctgctgc ggggccagac cacatgggag tgggctcggg gccagcactc ctatgacctg 360
 ggtccctgcc acaacctgca ggcagccctg gggccccgct gggccctcgt ctggctctgg 420
 cccttccctg cctccccatt gcctggggat gggatcacct tccagaccac agcagatgtg 480
 ggacacacag cctcctgact ccaggaagag ccagagctgt gcagggagga aggggtgaga 540
 ggggggcccc cacacctaga ctcatgaagg aagtcgggtt ggaccttaac atctgcattg 600
 gacaactcca ccccttcctt ggccttgccc ctgcccgcct acactcctac gtgtccaggg 660
 cttggggccc tgacttange agaggagtgc agaggagggt ctggc 705

<210> 3301
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3301
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 ctnccentac tccntggatg tgtgtacctg gcacacttcc ttctcccacc cttttttcca 120
 gttggatttg tttttctgtt ctcttctgtc ctgtcttata ctgcaactgt gtctcctagg 180
 ggacagatgg ccttctttgt catcttctact ctccaccccc agagaggagt cagagccata 240
 actcaatcac tcagcccttc caaagatagt tgatgtgtga taatctcata atgttgagaa 300
 ccctgatgag atacattgtc ttctctctcc tacaatgcct ctggggccaa ggcacccatt 360
 cttcttgcta tctctcatcc cccttgaggc ttccactttt ttttttttta gacataaagc 420
 tgggcatcag caactggcct gtggtgatgc aaagctgctt tgctctgnat ctggctggac 480
 tgatctgtct cacaagaagc catgaggcca tagggagaag ctccctctcc cttcatctt 540
 ctgctccaaa ggtggtanac agaggagtac ccagttaggg gttggagccc ccatatnaca 600
 tcttctgtc agaagactga tggatctttt tcattccaac catctccctt tcccccgat 660
 gaatgcaaat naaacttttg tgacaccagc aaccattgc tctttanaat 710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3302
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 gcacgagggg ctaacttaca gaggagctgt gtatcctgaa gattcagcga ctggcaagga 120
 atttccttgg gagcaatgtg tgaggaggc catctgagga gatctgtggc tttcttttgt 180
 tgtgggaatc tggcttatgg atgaatctac gacacaggat tgtgaaatta cagctctttg 240
 ggaacaaaag gaaggcagta ttgcatgact tagtttccca gcttacttt ccttttggca 300
 tgggtgagttt ggggtcttga gagtctattt tctttcacac ccacagcac tgttaagtaa 360
 gcaggaagac aacctgaggt tgtctcttta ctttgagttc ctacataata aattgcagcc 420
 taatttagta cataaaccca aacctaatat aggagtaaat tttttgtagc agatagccag 480
 atttcagcca atcacaggct tccagctaac aagactatgc ccaaataagg caaatgcctc 540
 atcacatgat gctcaaataa ggcagccacc taggcgaggc caatcaggta acttttctac 600
 tttgcttaat tgttcagcct gtacaaattt gctgcttatg actgctgagc agagctgtct 660
 aaacctcttc tggtttggag tgctgcctta tatatgaatt gttctttgg 709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3303
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 cacgtggggc tcatcctgct ggcggtcctc ctgcttctgc tgggtggtgt cacagctggc 180

tgtgtccggt	tctgtgcct	ccggaagcag	gcacaggccc	agccacatct	gccaccagca	240
cggcagccct	gcgaagtggc	agtcacccct	atggacagt	acagccctgt	acacagcact	300
gtgacctcct	acagctccgt	gcagtaacca	ctgggcatgc	ggttgcccct	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtacacccc	ggagccctcca	420
ccctcctacg	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaacca	gccctctcct	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tggggcccca	atactcaact	accaccttgt	agccctgggt	ccccttgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	accccaccgt	660
cccacacatt	gctgtggccc	caacctcggt	gccatgttac	accggcccct	gg	712

<210> 3304

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 3304

gnanctaata	gcntgggcna	ctcgttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcacaaa	tgggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgg	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 3305

gnanctaata	gcntgggcna	ctcgttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaa	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcacaaa	tgggaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctatct	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660

gtctaaccgcg gggtgccagg aacacacaca tcctccatcc cagcata

707

<210> 3306

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 3306

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tagctgcttg tgggtggggcc ccaaccgccc tcgggcactg gggagctggg ctggggctgc	120
tgctctgggg tctccggggg ccacagcttg gggtaggttg aagacctcag gggatgtgga	180
ggggtctgcg gggccctggc cgcacaggat ggccttcagg gaaggtggtc ttggggcatg	240
gtgcagagca ggtgaccgga gggaatcggg gacggagcgg ggccaaggga ggggtccgga	300
gggagtcagg gatggagggc agagggagtg gatgtggggg tttgaggacg tgtgacaagc	360
tccagcaggg gtggggggccg ggctgagggt ggggggtgcga ggtggtcact cccatcgtgc	420
ccctggccgt ccctccactc acccacacct ggcccagtc acgttgagggt ccaggactgg	480
gaaggaccgg gtgagtgcac cggggaccca ggccagggtgc cccccggagc ctgctggggg	540
ggccagagca ggaggggggtg tgtttccttt ttgtgggtgt tgcattgcaa tcaagtggac	600
aagaaaaaat aacanaacan anaanaaaaa aaaaaactcg agcctctaga actatagtga	660
agtcgtatta cgtagatcca gacatgataa gatacattga tga	703

<210> 3307

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 3307

gnnccntaaa tngctgggct actcgtncct tctcgacn anccnnncgn ttcgcacaaa	60
gggagaactt cctcgaggct ggaactgggt tgatgttgtg aagcatttaa gcaaaactgg	120
ctctaaggat gatgagtagc acttggaatt tgagacaagg aaagagcatt ctttaaagag	180
taaaactggg ttcaaatct ttcattacta ttttctggta ttgaggcgac tttttataaa	240
acacaatttt ttgtatgttt cttacattaa aaagggttgta agttgaaagt tcatgaagag	300
atcttggtgt attaaattat tttcacaaac ttgccttaat aaaagggtgaa aatgttactg	360
tttagtatac tttatgaagc cccttgagct ttataaatgg acaggcatgg ggaataagaa	420
tcagtgttaa tttaaatgat cttatcctgg tggatgtgct attttcttaa aggagtatga	480
agcccttttc aaactatcat ccagtgagg cggagtactc agtgaacagt tactocatag	540
tgcaatccat attaataggc ttcttctctt aagtcttcat ctcttctttt gcttaattac	600
tgaaccgtaa attacttcag agaaatttaa atgctgggtat ttgaacttta tacatgatac	660
tttttgtagt ttcttttaac ttttgaaaga tgaactgctt ccttttaanc	710

<210> 3308

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3308

nnannnnnnnn	tnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngtncetaa	60
tgctggcnat	cgttctttcc	gcagcagccc	ancgattcga	attcggcacg	agataacaca	120
gactttcaag	gaccaaggat	tggagggtttt	aaagcaggaa	acagcagttg	ttgaaaacgt	180
ccccattttg	ggactttatc	agattccagc	tgagggtgga	ggccggattg	tactgtatgg	240
ggactccaat	tgcttggatg	acagtcaccg	acagaaggac	tgcttttggc	ttctggatgc	300
cctcctccag	tacacatcgt	atgggggtgac	accgcctagc	ctcagtcact	ctgggaaccg	360
ccagcgcctt	cccagtggag	caggctcagt	cactccagag	aggatggaag	gaaaccatct	420
tcacggttac	tccaaggttc	tggaggccca	tttgggagac	ccaaaacctc	ggcctctacc	480
agcctgtcca	cgcttgtctt	gggccaagcc	acagccttta	aacgagacgg	cgcccagtaa	540
cctttggaaa	catcagaagc	tactctccat	tgacctggac	aaggtggtgt	tacccaactt	600
tcgatcgaat	cgccctcaag	tgaggccctt	gtcccttgga	gagagcggcg	cctgggacat	660
tcctggaggg	atcatgcctg	gccgctacaa	ccaggaggtg	ggccagacca	ttcctgtctt	720
tgccttcctg	ggagccatgg	tggtcctggc	cttctttt			757

<210> 3309
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3309

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cggcacgagg	tcacatctta	gatggatggg	ggcagacaaa	aagagagagc	ttatttaggg	120
aaactctgtt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatcccat	gattcaatca	tttcctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	accctcaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagccac	agaatgagag	aagtatttgc	660
aagataactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3310
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3310

ctaagtctgg	anctaantgc	tgggctctcg	ttctttncgc	agganccctc	gattcgaatt	60
cggcacgagg	tcacatctta	gatggatggg	ggcagacaaa	aagagagagc	ttatttaggg	120

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aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca      180
gggcacagac ccatcccat gattcaatca tttcctactg ggtttcttcc acagcatgta      240
ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga      300
tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg      360
gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa      420
atcaaaatgg attaaagatt taaatctaag acctataact ataaaactaa aaaagaaaac      480
agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag      540
cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca      600
catcaaagga aacaatcaac aacgtgaaca gacagccac agaatgagag aagtatttgc      660
aagatactca tctgacaagg gattaataga atatataagg agctcaaata      710

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<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3311

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ctaagtctgg gctggcgntc tttccgcaag annccctcgat tcgcccaggc tgacaggggc      60
tctgccgtct ttaacatgtg actttctagg tcagtcacat ggtcattgct tttccacaca      120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc      180
tggaagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg      240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg      300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga      360
ggtttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata      420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag      480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgccccat cgaggaactc      540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag      600
catgtgtctt tagtctggat agctattgtt aaactgccta caaactgagc agatctatta      660
atatcagtta cacttggggc tttggggttt gagan      695

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<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3312

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ctaagtctgg gctggcgntc tttccgcaag annccctcgat tcgcccaggc tgacaggggc      60
tctgccgtct ttaacatgtg actttctagg tcagtcacat ggtcattgct tttccacaca      120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc      180
tggaagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg      240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg      300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga      360
ggtttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata      420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag      480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgccccat cgaggaactc      540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag      600

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catgtgtctt tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
 atatcagtta cacttgggcc tttggggttt gagan 695

<210> 3313
 <211> 701
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3313
 nctaagtctg gctgttggtc tttttgcagg atcccatcga ttcgaaattcg gcacgaggtc 60
 cagaaatact ctgatactag ctatgggtcag caacatttaa tgaaaaccct tatgttaaaa 120
 ataaaccctt gcctcctggc ttcaagcgat tctcctgect cagcctcctg agtagctggg 180
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 cacagtgtta gccaggatgg tttcgatctc ctgacctcat gatccgcccg cctcggcctc 300
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 gttcttttgg tgcattggagt tttacatgga ataagttagt gcctctgcaa tttaaatatt 420
 ttttacacag atttgatgct gtgcaaatgc cctctccctt tttagggtgtt gcttgttcag 480
 tatctcaagc ccagaaagat gaattaatcc ttgaaggaaa tgacattgag cttgtttcaa 540
 attcagcggc tttgattcag caagccacaa cagttaaaaa caaggatattc aggaaatttt 600
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<210> 3314
 <211> 704
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3314
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 ggttcagcaa cttcttgtct caatcacctt tcagtcagag tgtgatgctt tccccaacat 120
 atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa 180
 cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc 240
 ttatggaact ttcaccatca atgaatccac cattattgat tctccaagggt tttctcacag 300
 aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct 360
 ggatgccatg gcttttaata agtttaattgt tcttcaactg cacatagttg atgaccagtc 420
 tttcccatat cagagcatca cttttcctga gttaagcaat aaagttagta aattgtattg 480
 tactctgtct acaaaaacat tgggtatagt ttcattacaa gtttgtagct taaatgtttg 540
 ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tggtttttaa ttttttggc 600
 tgtgacttag cattttacat ccataaaact ttttttgta ttgntataac ggttactgta 660
 attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg 704

<210> 3315
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 3315
 gnnctaattgc tggctcttgt tcttttgcag gatccctcga ttcgtttttt aagagataag 60
 gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tctgtgtag 120
 ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat 180
 atgtgaagat gtgtattata gaattgtttg taatactgta gtgtttagg caatgtgact 240
 gtctataggg aagtggacag gttatttgtg gtaatactc atggaaaacg gtcaagcagt 300
 taaaagcaat caattatggc caccagcaa tgcagataaa tcttaaaagc atatgatgct 360
 atgataccaa agcacaagca ccgccctgt aaatagagga attagatttc ttcagcatta 420
 aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga 480
 aaaatacttg caaaccatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat 540
 aaaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt 600
 aaagaagatt tacaaatagt caataagcac atgaaaaaga tgttcaacat cattactcat 660
 cagcaaaatg ccaatcaaaa ccacaatgaa ataccatttc at 702

<210> 3316
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3316
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 attcgaattc ggcacgaggg cacacggggc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacgggc aagtacacag agagacggca gcccgttgt acagattcat 180
 caccacgac tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagcc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360
 tcctttggcc ctcaatctgg tcccaaactc ggctgtgtcc caaagggtgt gtgggaagtg 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt aactgcctg aagttgcagt tcccctttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntaggag agctgcagtc 600
 tcttnctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
 aattttccag cccccaacta ggtgggacac attaataaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3317
 tacagctact tgttcttttt gcagatccca tcgattcggt ctcagatacc tgatggatcc 60

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cttgtgctat gaggtggagc gectggacaa tggcacctgg gtctgatgg accagcacat 180
gggctttcta tgcaacgagg ctaagaatct tctctgtggc ttttacggcc gccatgcgga 240
gctgcgcttc ttggacctgg ttccttcttt gcagttggac ccggcccaga tctacaggg 300
cacttggttc atnttctgga gcccctgctt ctcttggggc tgtgcccggg aaagtgcgtg 360
cnttcttca ggagaacaca cacgtgagac tgcgcatctt cgctgcccgc atctatgatt 420
atgacccct atataangag gcgctgcaaa tgctgnggga tgctggggcc caagtttcca 480
tcatgacct c gatgagttt gagtactgct gggacacctt tgtgtaccga cagggatgtc 540
cttncacctt gggatggact aaaggagcac agccaanccc tgagtgggag gctgcngggc 600
attctccaga atcanggaaa ctgaaggatg gcctcantct ctanggaggc ngagacctgg 660
gttggcanca naataaaaga tttttttcaa gaaatgcaaa cagaccgtca ccaccn 716

```

<210> 3318

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3318

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caggctactt gttctttttg caggatccca tcgattcgaa ttcggcacga gtgaagaatg 60
gcgtgggttg gttcctttca aatgcacttg agcagcggc tccaaccaca gggccacaga 120
gctggagggtg agcagcaggc gagtgaaggg aaacttcac tgtatttcta gcccctccca 180
tcgcttgcat gaccacctga gctccatgtc ctgtcagatc agcagcagca ttagattctc 240
acaggagcac aaactctgtt gtgaagtgtg catgcgaggg atctagggtt tgtactcctt 300
atgagaatct aatgcctgat attctgttac tgtctcccat cccccagat ggacagtcta 360
gttgaggaa aacaagctca gagatccac tgagtctacg ttatagttag ttgtagaatc 420
atttcattat atattactat gtagtaataa tagaaataaa gtgcacaata tatgtaatgc 480
acttgaatca tctgaaatt attccctcat tcccagctctg tggaaaaatt gtcttcacca 540
cattcactct gtttttttgt agaggcaggg tcttaataa ttgcccagtc tgatctcaaa 600
ctcctggcct caagtaatat acctctotta gctnccaaa agtgctgaga ttacaggcat 660
aagccccccc ctcaaccaag actttnttna accaaataaa aattaagtga gattactttg 720
gccag 726

```

<210> 3319

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 3319

```

tacangctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gaggtccctt 60
gctcggggcc atggagacac tgcggccagt acggcggcgc ctctgtctga agaaggggaa 120
gtgacctcgc gctc ggc tctggccgtg gaggataccg gagcccctct gcctcggccg 180
gtaaggccga ggacgagggg gaaggaggcc gagaggagac cgagcgtgag gggccggggg 240
gcgaggagcc gcaggagaaa gtccccagcg ctgggggaga agagcctgcc gaggaggact 300
ccgaggactg gtgcgtgccc tgcagcgacg aggaggtgga gctgcctgcg gatgggcagc 360
cctggatgcc cccgcccctcc gaaatccagc ggctctatga actgctggct tgcccacgg 420
actctggagc tgcaagcccc agatccttgc cccgcccggc cttccacgcc ggaggccan 480

```



```

aaccgaaaag gaaaagatcc cgatgaagga gcccgagggc ccaaaaanaan aaggaaagag      540
ggaaaaaacc cacacattgc cccacnggaa tttggaattt ttgattgaat gagcccaant      600
ggaccaccca aanggacttn cccttgattg gaaccgaggga gaaccccanc cccaaggga      660
aagcmttnaa ncccccgagg agccccagaa aaacnngggg angggcccc ccccttgggg      720
acnaaagggt ggcctttttc cgggnccctt tgaaaggagg gacccccan nnaaagncnt      780
tgggangggg aaccaaaaaa tcccctttnn gtaanccccg gggaangggg nancccttnt      840
t                                                                                   841

```

<210> 3320

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A, T, C or G

<400> 3320

```

gnnnnnttnn nnnnnnttn tntananaca ggctacttgt tctttttgca ggatcccatc      60
gattcgcaga aattcaaata attcttttct gcttcaatgc cagcagaagg tccccagggt      120
agacatggag aagcactttg ttttaaatag gagggtttca tagttgcac tgaagccacc      180
tggttctgtt aaactgtatc gtgcagggtt tgggtttggc attattcatg tttctgatca      240
attctatgca actctcatag ttctgtttac tttttagcat tagctgcaa atgacttcaa      300
aaggctgggg tgggtgactt gactgtgaga ctggattata acatggacaa atcttatttt      360
gcttaatgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtatgta      420
tatatatata tataaatatc tttcccaata tgccccgttg acagtgttta aattccanac      480
taggactgct gatctgcaca atttaattat gtggnattc gagcacttaa tttcactcaa      540
ggntcattgg gctctgctct tctccctgcc attacnggag ctgtggacag agctnccctc      600
ttcaanantc tagtgggttt gcncaacagg ntgnccaatg anaaaactga nttgcgtgnc      660
tgtaaatgtt gncaggngng cacatctnnn agggntcnat nctccggcct gtccctccaa      720
agggctgggc cttgggccc n                                                                                   741

```

<210> 3321

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A, T, C or G

<400> 3321

```

ggnnnnntttt nnnntactg anancctttn gctacttgtt ctttttgcag gatcccatcg      60
attcgaattc ggcacgagag gcgatatccc tgagctgaga gcatnaccct gtccccgaat      120
ccttctttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc      180
cacgacgact gggctgttga cctgttccag gcctoggtga aggccttttg ttactccct      240
tcccacccca tcccttaatt ttattctttt gaagagtga tttcaagctg ccaaggtgga      300
gagaggggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc      360
accaggaagt cgcattgag atcacctgat acatgaacgt atgatgttcc atctgcgcac      420
tgatgaatag gcagcattta caaattaact gatgtgttgc tgnatatcat ctctttgatg      480
attgctcctc ttctttgtat cctgncttat aatttcaaca catttgcgat actcaatgtc      540
tattctaaat taacctgtt ttgtaccaca aactcattgc ccatggatct gttgctgaaa      600
caaggaagtc ttaacaaga agtggaatct ttctgttacc agattgggtc tgaatcaaat      660
gatcagaagg gtgggaatat tacaaantga agaataacag ntgcaacctt cagtttctna      720

```

aaaataanaa gngagctttt cagggcaaat t

751

<210> 3322
 <211> 705
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3322
 nctaattgctg ggcnccttggt cttttngcag gatcccatcg attcgaattc ggcacgaggt 60
 ctagtataat cttgatgctc aaaccagata aggacaatac aagaaaggaa gagtataggc 120
 taattctacc caataactaa atgaagtatt agcaaaccag attcatcaat aatcttttaa 180
 aaatcaagaa ttaattggat ttaggaatat aacactgtgt ataacaagtt taagagaaat 240
 atatgagaat gataagactg caattgaaag tagaggcttt ctctggaggg aaagggtgagg 300
 aggatgtgat ttggaagaac agcatgggga ggcacagtt gtattgtaat gtttattttt 360
 taagctgaat gataggtacg tagatgttca ttgtgttctt tttgcctttt tgtatatctt 420
 aaatatatgg tagtgccatg attagcaggc ttaatagcct tgtgagttta aatgtcactt 480
 tcaaatgctg tatttttggg ggagttgctt aaacacattc cccttggaaat ctatacaacc 540
 agttaaaaaa atcatgtata aaccaccatg aaatataatg aaatgtactg tatatgcatt 600
 ttcatgaatg ttgtgtcaaa gggctttagt gaaaaaaga tcgttaactc ttttgcattc 660
 agtgaaaata ggtggctttg gaaatagttt cagccttgct aacac 705

<210> 3323
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3323
 gnnnnntttnn nnnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgaggc cacacgggcc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacggtc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgacg tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagccc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360
 tcctttggcc ctcaatctgg tcccaaactt ggctgtgtcc caaagggtgt gtgggaagtg 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt aactgcctg aagttgcagt tcccctttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtggggag tncagggatc ttggggaccc ctntctaggag agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggctttngac 660
 aattttccag ccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3324
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3324

gtncataatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatggtct	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttgat	ggaaatatct	gagaagagag	gcttggtatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttataa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaataaagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggtcacgc	ccgtaatccc	gc	712

<210> 3325
 <211> 1249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1249)
 <223> n = A,T,C or G

<400> 3325

angctacttt	gttctttttg	caggnnnttt	ttnnnnatac	agctcttggt	ctttttgcag	60
gateccatcg	attcgaattc	ggcacgagaa	aacacacaca	cacacaacac	aatgttttca	120
cgcctgtaaa	cctagcacat	tgggaagcca	aggtggggag	ggattgcttt	gagggcaggg	180
aagttcaagg	gctgcaagt	gagcttatga	attggcncac	ctggtacctc	ttagccctgg	240
gggaggaaca	agaagtggag	gaacacctgg	tcttcttnaa	aaaaaaaaaa	aaaaaaaaag	300
tttttttttg	gaaacccctt	ttaaaaaaat	taaccttttt	tggttttttg	ggaaaatttt	360
tccttttaaa	ttccaattcc	aantttttcca	aaaaaaaaag	naaggcccaa	ggttttaaaa	420
aaaaaaaaat	nggggggttt	aaaccttttn	gggttttncc	ttttnggggt	aacccaaaag	480
ggccctttan	ccttttaaaa	tttttaaggg	aaacctttta	tttaagggtt	aaggggggaa	540
attaantttt	tttttnaaaa	aaaggnaagg	cccttgggna	aaantttcaa	cccttttttt	600
ttnggggggt	aanttttttt	tnggggggtt	anttaaaaaa	aattaatttt	tttttnccaa	660
tttttttggg	ttttaaatng	gttccccccc	caaggntaaa	ttaaattttc	cctttttaaac	720
cttgggggna	aaaaaaaaatt	ttcctttttg	ggtttttttt	gggaaattcc	ttggggcccc	780
ttggnaaaaag	naaaaaaaaaa	ttaanttcct	tgggggtttt	ttnccttaan	ttanttaaaa	840
aaaaaaaaaa	aatttttttt	tttttaaaaa	aaaatttaaa	atttnggtta	aaaaagggtt	900
ttaagggaat	tttttaaaaa	aaaatttttg	ttaaaaaaaa	attattttaa	aaaaattcca	960
acaaaaaagg	gggaaaattg	gttanccctt	tttaattggga	aatggggttt	gggtttggga	1020
cccanttttt	ttaattggaa	aaaattttaat	tggtngggga	tttccaatta	ttacctggg	1080
tttanccaaa	ggaataagga	aaatttggaa	atggggccaaa	aaaggaccca	aaaacctca	1140
attaaaaatt	tgagggaaaa	cgtgggttatt	atgtaattga	aataaaaaa	ttttataatt	1200
gtaaaaaaaa	aaaaaaaaaaa	actcgagcct	ttaaactata	ggggtcgtn		1249

<210> 3326
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3326

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgtnttttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaattttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcactgggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaagggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaattggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3327
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3327

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgtnttttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaattttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tcactgggtt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaagggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaattggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3328
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3328

```

agctcttggtt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttcct tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggctta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcattgtgat cgtaggaca gaagaaattt ctcctttgta      240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttatc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggatttgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc      480
gacgagggtta aacacatcct aacagggaag gtaaactgta cgtccatcag taccactaga      540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatacaac atatgatgta      660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata ggttgcttaa an                                     752

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<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3329

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agctcttggtt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttcct tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggctta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcattgtgat cgtaggaca gaagaaattt ctcctttgta      240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttatc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggatttgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtta aatttagccc      480
gacgagggtta aacacatcct aacagggaag gtaaactgta cgtccatcag taccactaga      540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatacaac atatgatgta      660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata ggttgcttaa an                                     752

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<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3330

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ttggnnnnnnn nnnnnntttt annntncagc tnnngnnnagc tcttgcttctt ttgcaggat      60
cccatcgatt cgaattcggc acgaggttgg ccggagatgt ctttttattt ttgtgctgta      120
aaattctctt acagcaaaaa taggcttttag aaaggtcttc tactgtcttc agcaaccatc      180
tcattctcca gcttcacctg attgtccagt tatcatacat ttgactttca aatgtatgaa      240
ccagcatgta ccccatggat ttaatcttat ctaccccggtg gattcaatct tcttatcaga      300
aggttctttt atgtcaaaaa acctgctgtc aaggcttgaa gagccggcac actcaatggc      360

```

```

aaacacagca cccgagtctg ctctgaatcc tggaggatct ggccctctc tcaaccccca 420
ctcacagtca ccgtcttaca actcagggcc acctgggatc agtcatcagt caggggtcgt 480
aagccttgaa taccaggtag cctcaggagt gaaaagataa atgtcctaga tcattacctt 540
attcagtgtc cccaccttgc agcgcattcc aaccacctgg gagcatttaa aactccagat 600
gcccacacca caccctgggg ccccatcag accttntgga agcaagacct gggcctncat 660
ggnccnaaa actcctaggg gatccgatgt gcagccnaat cttgaaangg cccattttaa 720
aaanaagaa catgggtggt acattgggga gtnttta 757

```

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<210> 3331
<211> 755
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

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<400> 3331
gnnnntnnn nnnntttnt nnanatacag gctacttggt ctttttgcag gatcccatcg 60
attcgtctcc ttgcctttct cctgaaagggt atgagactac ttgccttact gtcattattat 120
tgaggggaat cagccgcaa gctgnggaa aatgaacagt agctgtgggg tcaaagccat 180
gtctccaggt tcacgggctc actccccca ggacaagcct agttaggtag tgggctgcat 240
ctgggtatcc ctgggacaga aatgcagggtg agaaggggta tcaagaatgc ctcgagcctc 300
tagaactata gtgagtcgta ttacgtagat ccagacatga taagatacat tgatgagttt 360
ggacaaacca caactagaat gcagtgaaaa aaatgcttta tttgtgaaat ttgtgatgct 420
attgctttat ttgtaaccat tataagctgc aataaacaag ttaacaacaa caattgcatt 480
cattttatgt ttcagggttca gggggagggtg tgggagggtt ttaattcgc gccgcggcg 540
ccaatgcatt gggcccggtc cccagctttt gttcccttta gtgagggtta attgcgcct 600
tggcgtaate atggtcatag ctgtttcctg tgtgaaattg ttatccgctc acaattccac 660
acaacatacc agccgggagc ataaagtgtg aagcctgggg tgctaataga gtgagctact 720
cacattaatt gcgttgctc actgcccttt ccaan 755

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<210> 3332
<211> 705
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (705)
<223> n = A,T,C or G

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<400> 3332
caatgctggt tctngttctt tttgcaggat cccatcgatt cgaattcggc acgaggggatg 60
acccatgcc aaaaactat gagctcttac tagtcaaccc tatttggttg gtcccacaa 120
caaaggcact tgcagttaca ttcaccacat ttgtaacgga gccattgaag catattggaa 180
aaggaaactg ggaatttatt aaagcactca tgaaggaaat tccagcgtg ctctatcttc 240
cagtgtgat aattatggca ttagccatcc tgagtttctg ctatggtgct ggaaaatcag 300
ttcatgtgct gagacatata ggcggtcctg agagcgaacc tcccaggca cttcggccac 360
gggatagaag acggcaggag gaaatcgatt atagacctga tgggtggagca ggtgatgcc 420
atttccatta taggggcca atgggcccc ctgagcaagg cccttatgcc aaaacgtatg 480
agggtagaag agagattttg agagagagag atgttgactt gagatttcag actggcaaca 540
agagccctga agtgctccgg gcatttgatg taccagacgc agaggcacac cgaaagaaag 600
cagtactgaa agcagccagt cggccaagcc tgtctctggc caagacacat caggaatac 660
agaagggttca cccgcagcgg aaaaggccca gctcaagtct gaagc 705

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<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333

tgctgggcta	aatgctggnn	atcgntcttt	ccgcantaga	acnnnecgatt	cgaattcggc	60
acgaggctac	ctgggcgggc	acgggctgga	cgtggacgtg	cccacgcgtc	tggagggctg	120
gttcttctgc	acgcccggcc	gcaagctgct	ctggctgggtg	ctgcagccct	tcttctactc	180
actacggccg	ctctgcgtcc	accccaaggc	cgtgacccgc	atggaggtgc	tcaacacgct	240
ggtgcagctg	gcggccgacc	tggccatctt	tgcccttttg	gggctcaagc	ccgtgggtcta	300
cctgctggcc	agctccttcc	tgggcctggg	cctgcacccc	atctcggggc	acttcgtggc	360
cgagcactac	atgttctctca	agggccacga	gacctactcc	tactatgggc	ctctcaactg	420
gatcaccttc	aatgtgggct	accacgtgga	gcaccacgac	ttccccagca	tcccgggcta	480
caacctgccg	ctgggtgcgga	agatcgcgcc	cgagtactac	gaccacctgc	cgcagcacca	540
ctcctgggtg	aaggtgctct	gggattttgt	gtttgaggac	tccctggggc	cctatgccag	600
ggtgaagcgg	gtgtacaggc	tggcaaaaga	tggctctgtga	gcccaggctg	cctcctgggtg	660
gtggccattg	tcccccatcg	gcccctcacc	ttgcacccca	ncn		703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334

tgctgggctc	tngttctttt	ngcaggancc	catcgattcg	aattcggcac	gagaaggacc	60
tgcagcttca	gcatcacttg	agaagtgtgt	aggaatgcat	actagtgggc	cccggcccca	120
gacatagtga	atcagaaacc	aacagggagg	cgcctagcat	tggtttttta	acaagtgtgt	180
ggttattctg	atgcacagtc	tagtttaaga	accactactt	tgggtaaacg	ttttgactgt	240
ttaaagttta	tggcgggtgaa	gtgggcatct	tcaaagacta	gtacttacac	agtttagaag	300
atttcaagg	actgctgaca	gtagtttatt	atgtcagtat	acatacgtgt	agagatcata	360
atttagttcc	cttcttaatg	ttacaatttc	ttagtttact	tttccctaaag	ggccatagca	420
taattcttga	ttcctggtgg	aaatcttttc	tgagggtgtg	gggtgggcaa	ggtgtggatt	480
gctgtttacg	atagtgcctt	cattagtttt	agttctgtct	gttttcattc	attattgact	540
caaagggtatt	agaacaggcc	cttatctttt	tccattatga	tttatttttg	ttttttactt	600
tatgtaagtt	cagaatcctt	ttttaagtga	tgactactga	tgaaataatg	ttactagtag	660
ctgaatttta	gacttgatgc	tatgttgatt	aatatn			696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)

<223> n = A,T,C or G

<400> 3335

gtncctaann	ngngtgngg	cangctenta	tctctnaana	gaattgggct	ttgtcgaatt	60
ccgcncggag	acantctgan	cgtgctngag	cagctgatta	tcaagcccgg	gggtgcgccag	120
atccatctgt	ncnacggacn	ngcgcggnnt	gaccgagcat	gaggctgcct	gaangangac	180
caggggctnt	ttgtncacan	gngtccaggn	cannaccgct	gnntnccttg	tggtgntgng	240
ctatggngnc	cagntnttgc	acattgacan	acttnactgc	actgggtggg	agctcgaca	300
ttngcccatt	tgtggtagaa	tcaaggcatc	acccgataag	attgncgtgg	tggaacgtc	360
acagtcogac	canttngact	gtcaccatgc	canntgacag	catnnatact	ttctngcttn	420
tagatcacta	cggggaagat	actctctatn	gtcaanggga	nntatncttc	cgaaactgcc	480
tcctnancnn	ccnctanncn	tntgaengat	accgtcanaa	nntatctgn	ctgaaggncn	540
nataatctnt	ngcatatnnc	nganncgat	ggnanegntn	tancectnac	cntnatcccn	600
agtgcganct	tactatcnca	tnntnnaann	agtttgnttt	cncttctggg	anancacacc	660
catggacnac	tgcatecnca	gatgccttna	ttcactgnta	nccttggcct	gcactnnngn	720
gctttccctc	cttanc					736

<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3336

nnncaatgct	ggctgctcgt	tctttccgca	gganccanc	gattcgaatt	cggcacgagg	60
aaatgtgtat	ttcagtgaca	atttcgtggg	cttttttagag	gtatattcca	aaatttcctt	120
gtatttttag	gttatgcaac	taataaaaac	taccttacat	taattaatta	cagttttcta	180
cacatggtaa	tacaggatat	gctactgatt	taggaagttt	ttaagttcat	gggtattctct	240
tgattccaac	aaagtgtgat	tttctcttgt	attacatttt	ttatttttca	aattggatga	300
taattttctt	gaaacatttt	ttatgtttta	gtaaacagta	tttttttggt	gtttcaaact	360
gaagtgtact	gagagatcca	tcaaattgaa	caatctgttg	taatttaaaa	ttttggccac	420
ttttttcaga	ttttacatca	ttcttgctga	acttcaactt	gaaattgttt	ttttttttct	480
ttttggatgt	gaagtggaac	attcctgatt	tttgtctgat	gtgaaaagc	cttggtattt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtttg	cattctactc	aggaaaagc	600
atcttcttgt	atatgtctta	aatgtatttt	tgtcctcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (703)

<223> n = A,T,C or G

<400> 3337

caatggctgg	tnctngttc	tttttgcagg	atcccatcga	ttcgtgtgga	gaaccttctt	60
tttctatggg	aaatcacttc	tggagtggc	aagaatggag	aatggtgtgt	tggaacgc	120
cttggagggt	gtgcatgtgg	aacatcatte	tcaccaccag	tctcttctct	gtgcctttct	180
tcctgacgtg	gagtgtggtg	aactcagtgc	attgggcca	tggttcgaca	caggctctgc	240


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cagccacaac catcctgctg cttctgacgg tttggetgct ggtgggcttt cccctcactg      300
tcattggagg catctttggg aagaacaacg ccagccctt tgatgcaccc tgcgcacca      360
agaacatcgc cggggagatt ccaccccagc cctggtacaa gtctactgtc atccacatga      420
ctgttgaggg cttcctgcct ttcagtgcc aacctgtgga gctgtactac atctttgcc a      480
cagtatgggg tggggagcag tacactttgt acggcactct cttctttgtc ttcgccatcc      540
tgctgagtgt gggggcttgc atctccattg cactcaccta cttccagttg tctggggagg      600
attaccgctg gtggtggoga tctgtgctga gtgttggtc caccggcctc ttcactcttc      660
tctactcagt tttctattat gcccggcgct ccaacatgtc tgg                          703

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<210> 3338

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3338

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ctaagtctgg cngcttgctt tttttgcagg atcccatcga ttcggaatga gagctgctat      60
ttgtgtttaa aaagaccata cagggccagc cacagtggct cacacctgta atcccagcac      120
tttgggagggt cnatgtgttt ncacnctnt tnnnagnan nantntgtca tggaggctta      180
ntttgtggng tntgatgnca tactgntagg ccaacatgtg tccnaggan agnggnangn      240
tnangccatt agcntgggtg aaacttgccg gatgttgatg ctctantaag anccgnatgt      300
gccatttntg aactntttag tantgangga gtcntgggtg tcaanatgga tntacanatg      360
cctanttacc cgnnctngnc taacnagant ntgcccaccc ttcagtgtcat gaaggnnnntn      420
nantctttta ttcccanngt tncctnaaac gaacantttg cctgnacaca ttttctactg      480
gnaccttacn aatnagggtta tcccgnatnt tcntgattac ttttcttctg cnncnngana      540
tngtgctnt caccctactc ctntatcct ccattnacct nttaggccat ncnccataaac      600
gnntgcannt tntnancntc cctnnnang aattttctaa atangnnnta attctctnnc      660
ctnacntnc tcttcnnttc cnngnatttn nntnnnnntt cncnttngn tntcncnct      720
anttcaancn nctcttaant ttngcnnttc ctcnnttcnn t                          761

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<210> 3339

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3339

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nctaagtctg ggctatcggt ctttccgcag nancccntcg attcgagtgg ctgagtggag      60
gcgcccagac ctgggcaggc agcaggctca ggcccacacc ttgtgatttt tgaaaccaa      120
gccagaaga tgatgtttac ttctctctcc ctggtctgct ccttcttact gcaaaccatg      180
ctgtgcctta gggcccttct catagctgtt cctcatggcc atgactggaa cagggatgca      240
acctctttct acacaagcac agttagtgtg gtgaagtctt tnttttgttt gtttttagacg      300
gagtttcact cttgttgccc aggtctggagt gaagtggcgt gaccttggct cactgcaacc      360
tccaggccag cctcagcctc cctagtagct gggactacag gcacccacta ccacgcctgg      420
ctaattcttt gtatttttag tagagatggg gtttgaccgt gttagccagg atggtctcga      480
tctcctgacc tcgtgatcca cccacctcgg cctcccaaag tgctgggatt ataggtgtga      540
gccaccgcgc cgggcccgtt gctggcatct taatgttctg taggtggaat atttccaata      600
aacacaaggt gccgtaattg aaaaaaana aaaaaaaac ttcgagcctc tagaactata      660

```

gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga

706

<210> 3340
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3340
 ctaatgctgg tngctngttc tttccgcagg atcccatcga ttcgaattcg gcacgaggcg 60
 acatcagaag atcattgagg aggcccccagc gcctgggtatt aaatctgaag taagaaaaaa 120
 gctgggagaa gctgcagtca gagctgctaa agctgtaaat tatgttgagg cagggactgt 180
 ggagtttatt atggactcaa aacataattt ctgtttcatg gagatgaata caaggctgca 240
 agtgaacat cctgttactg agatgatcac aggaactgac ttggtggagt ggcagcttag 300
 aattgcagca ggagagaaga ttcctttgag ccaggaagaa ataactctgc agggccatgc 360
 ctccgaagct agaatatatg cagaagatcc tagcaataac ttcattgcctg tggcaggccc 420
 attagtgcac ctctctactc ctccgagcaga cccctccacc aggattgaaa ctggagtacg 480
 gcaaggagac gaagtttccg tgcattatga ccccatgatt gcgaagctgg tcgtgtgggc 540
 agcagatcgc caggcggcat tgacaaaact gaggtacagc cttcgtcagt acaatattgt 600
 tggactgcc accaacattg acttcttact caacctgtct ggccaccag agtttgaagc 660
 tgggaacgtg cacactgatt tcatccctca acaccacaaa cagttg 706

<210> 3341
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3341
 nnctaattgct gggctgctng nnctttntcg caggatccca tcgattcgaa ttccggcacga 60
 ggtacgagag tctgttgaac aacaggctga tagtttcaaa gcaacacgtt ttaaccttga 120
 aactgaatgg aagaataact atcctcgcct gcgggaactt gaccggaatg aactatttga 180
 aaaagctaaa aatgaaatcc ttgatgaagt tatcagctcg agccaggtta caccaaaaaca 240
 ttgggaggaa atccttcaac aatctttgtg ggaaagagta tcaactcatg tgattgaaaa 300
 catctacctt ccagctgcgc agaccatgaa ttcagggaact tttaacacca cagtggatat 360
 caagcttaaa cagtggactg ataaacaact tcctaataaa gcagtagagg ttgcttgagg 420
 gaccctacaa gaagaatttt cccgctttat gacagaaccg aaaggggaaag agcatgatga 480
 catatttgat aaacttaaa aggccgttaa ggaagaaagt attaaacgac acaagtggaa 540
 tgacttttgcg gaggacagct tgagggttat tcaacacaat gctttggaag accgatccat 600
 atctgataaa cagcaatggg atgcagctat ttattttatg gaagaggctc tgcaggctcg 660
 tctcaaggat actgaaaatg caattgaaaa catggtgggt ccagactgc 709

<210> 3342
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3342

gtcctanagt	gtgggtctcgn	cnnnccgnan	gagntnggcg	ggngcgaatt	cggcacgagc	60
agaacttcac	agcagcctgt	cctcatcagc	aacccaacca	ccttcatcag	caacccaacc	120
accttcatca	gcaacccaac	cacctcgtca	gcaacccaac	cacctcgtca	gcaacccagc	180
caccttcac	agcaaccca	ccacctcatc	agcaacccag	ccaccttcac	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaaccc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcatcttgga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
aggggttgta	atcttcccaa	agttttcctt	tgaaaatagg	ataatgggtg	gaattttcag	480
agtgtattaca	tacctcaaca	tttttattaa	catacaacaa	tgggaaagtt	catcatccat	540
atactgcagt	cacttaaaaca	acagccaatt	attgcaagat	tagaattgga	gatcttgtcc	600
tcaaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctatttttaa	atttaaatggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 3343

ctaagtctgg	ctngctcgtt	ctntccgcag	tanccctcga	gtcgaattcg	gcacgagact	60
gcctccttcc	acacgagtgc	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agtttttatt	cccgggggtac	caagcagctg	cacagtcggt	gcctgggagg	cacgtagagg	240
ccctgggtc	aggcagaggg	agatggttag	actcttgca	ggctaaaact	ctaatttgga	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcctta	360
agctgcatca	tcatatcgcc	ctgtgtggtc	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcagaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcaga	aaagccctgt	gttccggagg	540
gacggcgag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatcccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3344

gtnnctaata	ctgggctctc	gtncctttctc	gcagtanccc	ntcgattcga	attcggcacg	60
aggagacagc	agccccaggg	gaatgaagct	gatgccagag	tcagaccgga	ggaggaagag	120
gagccactga	tggagatgcg	gctccgggat	gcgcctcagc	acttctatgc	agcactgctg	180

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cagctggggcc tcaagtacct ctttatacctt ggtattcaga ttctggcctg tgccttggca      240
gcctccatcc ttgcgaggca tctcatggtc tggaaagtgt ttgccctaa gttcatatatt      300
gaggctgtgg gcttcattgt gagcagcgtg ggactttctcc tgggcatagc tttggtgatg      360
agagtggatg gtgctgtgag ctctgtgttc aggcagctat ttctggccca gcagaggtag      420
cctagtctgt gattactggc acttggctac agagagtgtt ggagaacagt gtagcctggc      480
ctgtacaggt actggatgat ctgcaagaca ggctcagcca tactcttact atcatgcagc      540
cagggggccgc tgacatctag gacttcatta ttctataatt caggaccaca gtggagtatg      600
atccctaact cctgatttgg atgcatctga gggacaagggt gggcggtctc cgaagtggaa      660
taaaataggc cgggcgtggt gactttgcac ctataatccc agcacttttg gan              713

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<210> 3345

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3345

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ctaattgctgg gctgcttgtt ctttttgcag gatcccatcg attcggaataa gttaaaaaag      60
acattgagtg atgtaatcca ccctgggggc aatagccata ttgccaatgg tgcggccggg      120
tgtgtggcaa cattacttca tgatgcagcc atgaaccctg cgggaagtgg caagcagagg      180
atgcagatgt acaactcacc ataccaccgg gtgacagact gtgtacgggc agtgtggcaa      240
aatgaagggg ccggggcctt ttaccgcagc tacaccaccc agctgacct gaacgttcct      300
ttccaagcca ttacttcat gacctatgaa ttctgtcagg agcactttaa cccccagaga      360
cgggtacaacc caagctccca cgtcctctct ggagcttgcg caggagctgt agctgccgca      420
gccacaaccc cactggacgt ttgcaaaaca ctgctcaaca cccaggagtc cttggctttg      480
aactcacaca ttacaggaca tatcacaggc atggctagtgt ccttcaggac ggtatatcaa      540
gtaggtgggg tgaccgccta tttccgaggg gtgcaggcca gagtaattta ccagatcccc      600
tccacagcca tcgcatgggc tgtgtatgag ttcttcaaat acctaatac taaaaggcaa      660
gaagagtgga gggctggcaa gtgaagtagc actgaacgaa gccaggggtt              710

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<210> 3346

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 3346

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gtncataatng ngngctcncg gcnngtccgc aacagcccng cggntcgaat tcggcacgag      60
gcctttttgtg ggggtctcata cataactcag tttccacaaa gctgtgcccc agctcagccc      120
tatggataga agcatgggtct ggggttcctt tgctgaccag ggtgtgtgct ttgtccaagt      180
tactgacctt cccaaacctc atcaatgcac ataaaaagag cacttgcaaa caatgaatct      240
agacatggac cttcacaaaag aaataactca aaatggatcc caggcctaaa tgaaaaatga      300
aaaactataa aactcctaga agataacata aaagaagatc tagatgacct agggtttggc      360
aatgactttt tagatccagc accaaaggca ggatccagga aagaaataat tgataagctg      420
gacttcatta aaacgaaaaa ttctgtctct tgaaagatgc tgccaaaaaa tgaaaagaca      480
agccacagac tgggagaaaaa tatttttgat ggaaatatct gagaagagag gcttgtttatc      540
caaaatatac aaagaatttc taaaactcaa taatttgaaa ataaacaacc caatttaaaa      600
agtgggccaag agatcttaaa tgacgcctca ccaaagaaga tacacagatg gcaaataagc      660
atatgaaaag atgctcccggt ctgggcacgg tggtcacgc ccgtaatccc gc              712

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<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

nctaagtctg	ggcnccttggt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaaggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttattttt	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcccttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttaa	aatgtcactt	480
tcaaagtctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggcttgtag	gaaaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

ctaagtctgg	cngcttggtc	tttttgcagg	atcccatcga	ttcggaatga	gagctgetat	60
ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnagggnan	agnngnangn	240
tnangccatt	agcntggtn	aaacttgccg	gatgttgatg	ctctantaag	ancegnatgt	300
gccatttntg	aactntttag	tantgangga	gtcntggtn	tcaanatgga	tntacanatg	360
cctanttacc	cgnnctngnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tnctnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnaggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnnnngana	540
tngtgcctnt	caccctactc	ctntatcct	ccattnacct	nttaggccat	ncnccaaac	600
gnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttctnntc	cnngnattn	mntnnnnntt	cncnttngn	tntcncnct	720
anttcaanch	nctcttaant	ttngcnntc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3349

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tttcctatga	tggtaatgtc	cttgccctctc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtagatc	tattcaaaga	300
ggatgtggca	gcggcaaaact	tgttttcttt	gagcgtagga	ctttccaaag	ggtgtatgaa	360
atagacatca	cagatgcgag	tggtgntcgc	tgccgtgtggc	atccaaagct	gaaccanac	420
atgggttgaa	ctggaaatgg	attggctaaa	gtctattacg	acccacaag	agtcagaggg	480
gagcaaaatt	atgtgtgggt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaacte	540
aggactacat	catcacccct	catgccttgc	ctatgttncg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaan	gacagactgg	atccctgaa	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gccaggtcg	tggtggccga	ntttggaacc	cacnggggca	cttttttttt	720
ctatatggg	aanaacattg	ttttggacaa	aancgatgac	agtaattctt	cgggaagcn	779

<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

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ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaata	cacccacgag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcccttag	cacaggaggg	tctgaagtgg	agaacgaaga	tgctgggtttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaattctct	360
gcattttcca	gcaagggtgg	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttgttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaacctt	540
gtcaaatggc	gtttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgctcttc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3351

annnnggnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	ntccanaga	ctttgaagtc	tgctaccacg	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360

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ngacctattc ttcaggatta caggtacact ggntgcaagc catgcatgga tggnttttct 420
taatnntnca gtngatttgc tctnaannca nctgcanatg aaaacanttg gcgagtnggg 480
ngncnggact ttgaccata nagggggcgt ngggcacttc acatgatggg cgggggncat 540
tgggaccaca aatnaaaggc cngcntggac ancaaacntg ggaaaaaann naagaangaa 600
aaaccacnnt aaagngaaaa nacangcntg accttggggag agggaaaaaaa aaccaagttt 660
taaccggttn atggttcatt cattnaaaaa aacctnnanc ntcggacttg tattttggag 720
gggatttaan taccnaaana atngggncct tatttttnan aataaagcnn anaacctttt 780
accnaaagaa ancccnannt ttgggaatan tggcnatntc taaangggan cccatnnggg 840
attnaacntt gtnaaaaatt aactaanact ttcgggggaa aagttgncna aatngaaggt 900
ggntcanaaa naaaanaaga annng 924

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<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (924)

<223> n = A,T,C or G

<400> 3352

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anatanngt gttcagactg nmcaagtnta nctccanaga ctttgaagtc tgctaccag 180
aggagcctct cagggactgg ccggagatct ccctgctgac cgagaacgac cgccactacc 240
acattccagt cntttaannc cgctgggggc cnaacagcag ngctcaccag tgacgggtgg 300
cacagtgcn ataaagtngt ctctgaaacc aaagctagca tttcacnatg gaaggaatta 360
ngacctattc ttcaggatta caggtacact ggntgcaagc catgcatgga tggnttttct 420
taatnntnca gtngatttgc tctnaannca nctgcanatg aaaacanttg gcgagtnggg 480
ngncnggact ttgaccata nagggggcgt ngggcacttc acatgatggg cgggggncat 540
tgggaccaca aatnaaaggc cngcntggac ancaaacntg ggaaaaaann naagaangaa 600
aaaccacnnt aaagngaaaa nacangcntg accttggggag agggaaaaaaa aaccaagttt 660
taaccggttn atggttcatt cattnaaaaa aacctnnanc ntcggacttg tattttggag 720
gggatttaan taccnaaana atngggncct tatttttnan aataaagcnn anaacctttt 780
accnaaagaa ancccnannt ttgggaatan tggcnatntc taaangggan cccatnnggg 840
attnaacntt gtnaaaaatt aactaanact ttcgggggaa aagttgncna aatngaaggt 900
ggntcanaaa naaaanaaga annng 924

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<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3353

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cgctactacg tagggcaca gggcaagttt gggcacgagt ttctggagtt cgaatttcgg 120
ccggacggaa agcttagata tgccaacaac agcaattaca aaaatgatgt gatgatcaga 180
aaagaggctt atgtgcaca gagtgtaatg gaagaactga agagaattat tgatgacagt 240
gaaattacaa aagaagatga tgctttgtgg cctcccctga tagggttggc cgacaggagc 300
ttgaaattgt aattggagat gagcacatat cttttaccac atcaaaaata ggttctctta 360

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ttgatgtaaa tcagtcaaag gatcctgaag gccttcgagt attttactat ttggtacaag      420
acttgaaatg ttttagttttc agtccttattg gattacactt caagattaaa ccaattttaa      480
ttgtatgttt tcaggctgtt tgtatatatta attaagggat ggganggggtt atttgtcatt      540
tacagtattg ggggtttttat gaatgtgaag caaacaaaaa aaatttgtat gtaaactgga      600
aataagaaaa tacattagca agccttaatg ggtatcctta ctttgagtcc acatgggggtt      660
ggacagtccc cacaccccat taaattcttg taaatgaaag cccccctttt gttaaaaaat      720
ttgctctaataaaaacatac caaatcctgg nnnanaaann nnnnnnnnnnn nnnnnnnnnnn      780
nnnct

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<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3354

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cgctactacg tagggcaciaa gggcaagttt gggcacgagt ttctggagtt cgaatttcgg      120
ccggacggaa agcttagata tgccaacaac agcaattaca aaaatgatgt gatgatcaga      180
aaagaggctt atgtgcaciaa gagtgtaatg gaagaactga agagaattat tgatgacagt      240
gaaattacaa aagaagatga tgctttgtgg cctcccctga tagggttggc cgacaggagc      300
ttgaaattgt aattggagat gagcacatat cttttaccac atcaaaaata ggttctctta      360
ttgatgtaaa tcagtcaaag gatcctgaag gccttcgagt attttactat ttggtacaag      420
acttgaaatg ttttagttttc agtccttattg gattacactt caagattaaa ccaattttaa      480
ttgtatgttt tcaggctgtt tgtatatatta attaagggat ggganggggtt atttgtcatt      540
tacagtattg ggggtttttat gaatgtgaag caaacaaaaa aaatttgtat gtaaactgga      600
aataagaaaa tacattagca agccttaatg ggtatcctta ctttgagtcc acatgggggtt      660
ggacagtccc cacaccccat taaattcttg taaatgaaag cccccctttt gttaaaaaat      720
ttgctctaataaaaacatac caaatcctgg nnnanaaann nnnnnnnnnnn nnnnnnnnnnn      780
nnnct

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<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (686)

<223> n = A,T,C or G

<400> 3355

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acngtggctg atntatatga gtgatgtgtc tgcaggagga gccctgcttt tgctgaattg      120
gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataantctgn ngccannnga      180
nancgagatt atagtacacg gcntgcagcc tgtncagggtg ctagttggca acaaatgggt      240
atncaataaa tggctccatg aacgtggaca agaatnnnca agaccttggt ctntcagaa      300
ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata      360
tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg      420
nttcacncca tganccctna tcccanggtt tcatattgtg acaattgctt acttttgngg      480
ggtcttttaa aaaggnacnc gaaatcttca ttattgccgt aaaaacctta aagatctggt      540
ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna      600

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aagaaccttt ttnggttga nnaaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3356
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(790)
<223> n = A,T,C or G

<400> 3356
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acaagcagat gctaataaaa gaatctgcat ctttgnttgt tattccatgt taaagggntg 180
aaataaagggt aanagaatat ttgtactgtt gttatccaaa tccatctcct gttctactct 240
ctattcaaaa taatcgtaca gtgactaaca gagctttcag accaacagta tttttatttt 300
tcattttaag ttcagggtac caacatttct ttccatggat gttgatggac gtgtcatcag 360
agctgactct ttttcaaaaa tcatttcctc tgggttgaga ataggatttt taactgggtcc 420
aaaaccctta atagagagag ttattttaca catacaagtt tcaacattgc accccagcac 480
ttttaaccag ctcatgatat cacagcttct acacgaatgg ggagaanaag gtttcatggc 540
tcatgtagac aggggttattg atttctatag taaccagaa ggatgcaata ctggcagctg 600
cagacaagtg gntaactgggt ttggcagaat ggcagtgcct gctgctggaa tgtttttatg 660
gattaaagtt aaaggcttaa tgatgtaaaa agaactgatt gaagaaaagg ccgttaaaat 720
gggggtatta aagctcctgg aaatgtttct cgtcgatagc tcacttctan cccttacttg 780
agagcttctt 790

<210> 3357
<211> 686
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 3357
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gagctagtgt ttggcccaaa aaaggaactg ctgntttggn ataantctgn ngccanngga 180
nancgagatt atagtacacg gcntgcagcc tgtncagggt ctagttggca acaaatgggt 240
atncaataaa tggctccatg aacgtggaca agaatnnnca agaccttggt cttntcagaa 300
ttggaatgac aaacnggctt ccctttttct cctatngntg gtactcttat gtgtctgata 360
tacacatttc ctngtcttaa cnttnaggga gttacaattg actaaacact tcatgattgg 420
nttcacncca tgancctna tcccanggtt tcatttgggt acaattgctt acttttgnng 480
ggtcttttaa aaaggnacnc gaaatcttca ttattgccgt aaaaacctta aagatctgtt 540
ggnantcaca agaagacaaa nggccgaaat tttaaagggg aggggaatttt tntattttna 600
aagaaccttt ttnggttga nnaaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3358
<211> 705
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (705)

<223> n = A,T,C or G

<400> 3358

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gaagctgaga	cttctgcttc	cacacccct	gcaagtgtt	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccaccgggac	240
cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
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gagagaagcc	accgctccc	tgggctcttc	ctagctgccc	tccgactgca	aaggcggctc	420
aagcggccag	aaacccctac	tcatgatccg	gacctgaga	ctccctaaa	ggccagaaag	480
gtgcgtttct	ccgagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gccggccang	540
ccgccgcang	gccctgggag	cagcttgctg	gatcgcagcc	gttccacgcg	atacccaagc	600
ccagagactg	accctgctac	ctntgccggc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3359

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ggattgattc	agggagaaat	ttgcactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggaccaa	cctggctttc	ccgactgtct	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtaaccccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tcctgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataacc	ttggccggag	gcttcgggac	tccctggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcacccagc	cttgccggaca	gtgccaacaa	540
gtttgaggag	aacacctact	gcttcggccg	gacccgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcattgganga	acaacttggg	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggccgtgc	ttgtccgcng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggnnt	ttntttgggn	ccaacaaccn	780
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<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3360

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gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtangt	ggtcncnccgc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtctgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccagggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacaccca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3361

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3361

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cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtangt	ggtcncnccgc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtctgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccagggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacaccca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3362

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3362

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	accctgtangt	ggtcncnccgc	ggcgcgggga	ggcccagggc	aatnngacag	300

```

nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg      360
gacccaggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa      420
cacgtgctga ngcacaccca aggcggcgcg taccagcgag cttttgtgta aatatgaaga      480
atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang      540
gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt      600
caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt      660
caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga      720
ggttgaaagg caaancccca aaaaaaaggc cttgtgaagg cagganaaan acaacctntc      780

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<210> 3363

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3363

```

ttatttcata aactattgtt ctttttgcag gatccatoga ttcgaattcg gcacgagggc      60
tgcgaggttt tcggcttttg ctctgatata gcagcgacag aattttcggc ccccaactcc      120
tccttaccct ggtccgggtg gaggagggtg gggtagcgga agcagcttcc ggggaacccc      180
gggcgggggc ggaccacggc cgcctcccc tcgagacggg tacgggagtc cgcaccacac      240
gccgccgtac gggccccggt ctaggcgcta cgggagcagt cactctccgc gacacggcgg      300
cagcttcccg gggggccggt tcgggtctcc gtccctcggc ggctaccctg gctcctactc      360
caggctcccc gcgggggtccc agcagcaatt cggctactcc ccaaggcagg annanaanca      420
nccncanggt tntncaagga catntacacc atttgatca nggcgtntta naaaaaaaaan      480
aatgttaatg anttgaaaaa ntatttnaaa gcctttnaat gnttnnnnna atccttnggg      540
nttggcctta naaanccaan attntngtng gngggntntt aannccnnnc aantncnnnn      600
nnattncntt naaaacnttt nnnccanggn cnnaaaaaaa nggggnaann aaaaaacttt      660
tttnnttnaa nnantttttt tggaaaattt naaancntng gaaaancntt tnnntngttn      720
ntnangggaa annantnttt tgggnncnaa aaaacntttt naannnnntnn nggttnnnan      780
nnnttaaaaa nttnnnccc ccaannnnnt nnanngnanc ttttnnantt ngggantaaa      840
nttnnnnnna nggggnnttt ttnngnnna atttnnnnnn annnnnnnan nnangggntt      900
ttngnnngna annntnn                                     917

```

<210> 3364

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3364

```

ttaatataca tacanctact tgttcttttt gcaggatccc atcgattcga attcggtacg      60
agatcagagg aggtctcttc atccttcaac tccatgatga actcctatat gaagtggcag      120
aagaagatgt tggtcaggta gtcagattg tcaagaatga aatggaaagt gctgtaaaac      180
tgtctgtgaa attgaaagt aaagtgaaaa taggcgccag ctggggagag ctaaaggact      240
ttgatgtgta actgtgctgt tgatgaagtc ctcccaggga agcctgtgca gatgcagtca      300
cctggaaaga acagagatta cccttcacc tacctcagca aaacaaactt tcaagtcttg      360
atagacttag cctagtaatt ttatagttag agtttcaaac tatatatcag tgtctatagc      420
atcaaaaact tctgggggagc tgggggaagt agaataccaa gtataatagt tacattcact      480

```

```

ttcaaagagc atctatgaat ttgccttttg tacttactgt ggctttaaac atattcagaa      540
cagatgcttg aaatatgcac ttagcacttt ggtnncacat ctgtctgggt aaaccatgaa      600
gaaaatgaac tgctgcctca atcgaccag acagcaccat aggcagataa agaattggnt      660
tcacctgggt ggtggtaggc atcgcggtg actttttttn ctctatatca attttcagta      720
cggaatagt attttaaaat agattggctn ataaattatg aatctttaag tagtagan      778

```

<210> 3365

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3365

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gtnnnnngtt tgannnecat cnttttatat ncatttttct actngttctt tttgcaggga      60
tccctcgatt cgaattcggc acgaggggag aaaaagatga ccgaaattca aactcctgaa      120
aatactcttc gtttatttga tttagtataa gtanaagatg agaaaattcg ccaagctttt      180
tattttgctt tacgagatac cttagttagt gacaacttgg atcaagccac aagagtagca      240
tatcaaaaag atagaagatg gagagtggta actttacagg gacaaatcat agaacagtca      300
ggacaatgac tgggtggtgga agcaaagtaa tgaaaggaag aatgggttcc tcaactgtta      360
ttgaaatctc tgaagaagag gtaaacaaaa tggaatcaca gttgcaaac gactctaaaa      420
aagcaatgca aatccaagaa cagaaagtac aacttgaaga aagagtagtt aagttacggc      480
atagtgaacg agaaatgagg aacacactta gaaaaattta ctgcaagcat ccagcgttta      540
atanagcang aagaatatat gaatgtccaa gttaaggaac ttgaagctaa tgtacttgct      600
acagcccctg acaaaaaaag cagaaattgc tagaagaaac gttgtgcttc aaacaaatat      660
gatgctgtgg ctgagaagct gtaaagtaaa actgagttaa ccttcccata catcgtgaat      720
atatctactc aggcacagca cttgtaataa tacataatat gnttg      765

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<210> 3366

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3366

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ncttnaagcc cttttaaaanc cgttcgaccc atcgatccna ntcaggancc aancnanatc      60
naatctgnac gaaggaaccc ccncnttga gcnaaaactn nncncttntc ggggcaanag      120
ggtggactgg gnnnnangng nanagagaga acgcangggc annaaggana gaaaaccntt      180
cagcanctca atnaactgag ggccaagana tctaccgctc tcccttctcn cacaagnacc      240
attggccttn nnatcngaag catttgacaa aaacttgctt gtttgggcct gtcacctcct      300
gaaaggctgn tttagntgtg gatgncctng attaaggag agagcaccta ggagctgcct      360
gccccagctg ggggtgacggc tgtagggtg ggtctatgtt gcaagcccta tatcctagcn      420
tgcagnggaa agtgcttagc tntgtncctg ctgacctctg ggcagncant catcaaanca      480
nanagacgtg gcngcntgtg ggcagcatgc ccaantncct tgcttgactn agcactnatt      540
tctggtagnn tnaaaaaaga attnaangtt tnttgggnnn ntttttttgg gggnggttga      600
ggggtgggac aaaaacatgg ggggtagnnt ttgagttgtt anaaaatgtt tntgaatcaa      660
nntntntntt nnaaacacga tttgcctttt taccattat aaagatgggn cttatnacc      720
acngnactgg ataaacctt ngggtttttt ttggtntgga nttggttctt tnaaaaaatt      780
tacccaattc atgcctnng ggntccn      807

```

<210> 3367
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3367
 gnnnnnttttn nnnntntaaa cccttnagct actcggttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctacccct 120
 tccctgttct gcctctttta ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc 180
 aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
 tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
 aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt 360
 tgtcatgtgg tgagtcaa atagaccattt tgattgtaaa ccataaaaata gttcagcaag 420
 tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagttgg 480
 gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
 gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
 acagattttt tggttacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat 660
 aatgtagaat cagatgggac atagtcttg taagcttnc ttggaaatgt tttaaatatt 720
 taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
 aaggn 785

<210> 3368
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3368
 gnnnnnttttn nnnntntaaa cccttnagct actcggttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctacccct 120
 tccctgttct gcctctttta ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc 180
 aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga 240
 tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat 300
 aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt 360
 tgtcatgtgg tgagtcaa atagaccattt tgattgtaaa ccataaaaata gttcagcaag 420
 tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagttgg 480
 gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca 540
 gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat 600
 acagattttt tggttacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat 660
 aatgtagaat cagatgggac atagtcttg taagcttnc ttggaaatgt tttaaatatt 720
 taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca 780
 aaggn 785

<210> 3369
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3369

aatttttttn	nncnaattt	ttccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccggnaa	120
aaatttttcc	cggggccna	cccgnaagg	gggaaggggg	gaaaaatttt	taaccagggg	180
gggtttaagg	gccccaaaa	aaatttttaa	ttggggggaa	gggnnttttg	ggggaagggg	240
gnaaccagg	gtttanttg	aaaaccccc	ccnattttt	tgggacctt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggacctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3370
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3370

aatttttttn	nncnaattt	ttccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccggnaa	120
aaatttttcc	cggggccna	cccgnaagg	gggaaggggg	gaaaaatttt	taaccagggg	180
gggtttaagg	gccccaaaa	aaatttttaa	ttggggggaa	gggnnttttg	ggggaagggg	240
gnaaccagg	gtttanttg	aaaaccccc	ccnattttt	tgggacctt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggacctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgtcgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttacttttgt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atatttttaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3371
 <211> 924
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3371

annnnngnnn nnnnnnnnnn annagnnnnn nagnngttga ntttgaaacc tttagccctt	60
ttgcagance caccgnttcn gnagatgatg tggatanact tggatactcc cttgagtggg	120
anatanngt gttcagactg nncaagtnta nctccanaga ctttgaagtc tgctaccag	180
aggagcctct cagggaactg ccggagatct ccctgctgac cgagaacgac cgccactacc	240
acattccagt cntttaannc cgtggtgggc cnaacagcag ngctcaccag tgacggtggt	300
cacagttgcn ataaagtngt ctctgaaacc aaagctagca tttcacnatg gaaggaatta	360
ngacctattc ttcaggatta caggtacact ggntgcaagc catgcatgga tggnttttct	420
taatnntnca gtngatttgc tctnaannca nctgcanatg aaaacanttg gcgagtnggg	480
ngncnggact ttgaccata nagggggcgt nggccacttc acatgatggg cggggnctat	540
tgggaccaca aatnaaaggc cngcntggac ancaaacttg ggaaaaaann naagaangaa	600
aaaccacnnt aaagngaaaa nacangcntg accttgggag aggaaaaaaa aaccaagttt	660
taaccggttn atggttcatt cattnaaaaa aacctnnanc ntcggacttg tattttggag	720
gggatttaan tacnnaana atngggncct tattttttnan aataaagcnn anaacctttt	780
accnaaagaa ancccnantt ttgggaatan tggcnatntc taaangggan cccatnnggg	840
attnaacntt gtnaaaaatt aactaanact ttcgggggaa aagttnncna aatngaaggt	900
ggntcanaaa naaanaaga annng	924

<210> 3372

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3372

ttccatcagc tcttgttctt tntgcaggat ccctcgattc gaattcggca cgagattcca	60
aagggttncaa anaacttggt cataantatg atnatgagaa gacancgtct ttctnttaaa	120
acagnttant ngccttcact tttgtgaaaa tagntttcan cacanaaact gacttnttta	180
gacaaagttn taaccaatga tngngtnngc ttctaggata tacactctaa ancaactcac	240
tgtccccagt ggtgggtcatt gctggccnta ntnanttggc cctgcntaan natattgata	300
tctaatttcn ttttaaccacc ntnantngnc cttanttacc ancngggnnn nactncacgn	360
ggcaactgng gcntngcntn cttnnccagc tcatgggtng tgaatgttat acaaattgcc	420
actcagatat atttttggnc gtaatggggg gtacaaatga tcatgtgatg tgtncactca	480
tntggtgcaa agtgccccng gcaccaacng ngncnnggtn ctcancaca accntgctnc	540
ctctgagatn cacnnccnt canctccga gtaangagtt gcgntacaac tcatcaangg	600
nanactggnt aatattaaaa atcatccnat atgnccatac tttncctntt ttgtancctg	660
cccaannatc ccgtcaaagg gnngtgtttn tctngcta atccccaccag ntggntann	720
nttaattccn ctcaggganc aaanngttca caatgccttt ctttttttcc cgnngggntt	780
ttggaagcn	789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

<400> 3373

atttcaaaaa	ctcttgccctt	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggc	acacacatat	ggtggccaca	cccaggagg	tagtggngag	ttagatttna	120
gagtccaggc	cctaggttgg	gacccactcc	aaataatctc	ctcgggtgtg	gtggtgggttn	180
tatanangga	taaatgaata	ataaacattn	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	cccccgtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	anccngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tggccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgtttgg	420
aaaaannect	ttntttttcc	tcttttaaag	agaaaacatt	ganaaagatt	ttttttttta	480
atgggccgac	ccnaaaagg	agatctnccc	nccctgtgat	atnatantnn	tgaccctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttnttttt	tcncgnggtg	gtgggggaaa	600
aatttttctt	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tnnnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaan	anttttttnc	cccccttga	ngccttttan	tttccccac	aaactttttt	840
tttttccctt	ccaaccnctt	ttattctttt				869

<210> 3374
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1128)
 <223> n = A,T,C or G

<400> 3374

gnnggggnnn	nnnnnnnggg	gnnggggnnn	ggcgnnnggn	ncgncgggnn	ancnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttgggccnaa	naaaccagg	120
gcccttacct	nggggncccc	ctttnttttt	tgggcccang	gggnnagccc	ncncggnccc	180
cggnnanggg	ggccnggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggnccn	ggggggnggg	aggggcacag	ggggaggagg	ncttngggng	420
ggnggagcga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
ngnccacct	acnnggggga	ngcaaggcnn	tngnagtnat	nggggggnag	agcaaaaang	540
ggngncccn	ngctaggncg	ancntggggg	agggagcnng	ccngaacagc	nggggggnnc	600
tggngagaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggng	gctgggacan	nggggggacc	cnagnnaaaa	incgtgnggc	720
aagngggacg	tnngggngn	nnctgggata	agggncgcaa	ggtaccnagn	cggnncagg	780
gngncaactg	nangcaggga	gagccgagga	cggnnagngc	ngggntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcggnnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcgnggnnn	aggcgannng	gtnaaggngg	nggngngggg	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccc	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgnccggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375
 <211> 1128
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3375

gnngggggnnn	nnnnnnnggg	gnggggggnnn	ggcgnnnggn	ncgncggnnn	ancnnnnnnnn	60
nnnnnnngggg	ggnnnncccc	cgggtttttt	ggccaaaatn	ttggggccnaa	naaaccacagg	120
gcccttacct	nggggncccc	cttttntttt	tggggccang	gggnnagccc	nccncggncc	180
cgggnanggg	ggccnggggg	gnaggggccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cggccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncn	ggggggnggg	aggggcacag	ggggaggagg	ncttnggng	420
ggngagcgga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnngggga	ngcaaggcnn	tngnagtnat	nggggggnagg	agcaaaaang	540
ggngncceng	ngctaggncg	ancntggggg	agggagcngg	ccngaacagc	ngggggggnnc	600
tggngagaaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggngg	gctgggacan	gngggggacc	cnagnnaaa	nnctgngggc	720
aagngggacg	tnnggggngn	nngctggata	agggngcga	ggtaccnagn	cggggnccagg	780
gngncactgg	nangcagggg	gagccgagga	cggnnagngc	gnggntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcgggnaaa	cnngncgagc	ncgcgggggc	900
ngcgtcgcag	agcngggnnn	agggcannng	gtnaaggngg	nggngngggg	angnnngggg	960
cggggggncc	aaggatnnng	aggggggnac	acntgggccc	ganggcattg	ncngncncgg	1020
ggccgaaaca	cgggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgnccggnag	1080
gggnacnggg	ggcggggggc	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3376

aantacatca	gctnttntct	ttttgcagga	tcccatcgat	tcgagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atTTTTTTca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagtg	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tcgaaatgag	attatTTTTg	tacaccttcc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagtg	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtTTTTc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttatTTTT	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tgttgtcatt	gatataaacc	tgtttggttc	agcaaacaaa	ctaaaatgat	600
tgtcataaga	caggggtttt	atTTTTcctg	gtggngtng	ctgatttgng	gagcatgcct	660
ttaagaatga	aaaaagcctg	gaatggataa	ccttccctta	aaaaaggngc	cggcattcca	720
attcaaaaata	ttttcgtcct	ggatttnaaa	gctgggttggg	gtaatgctaa	ttaaaaattc	780
cttcagttaa	ttt					793

<210> 3377

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3377

```

tcccttttng aaagctttaa acctttttta aacctttcag ctcggncccc attgcnngann      60
cnatctantc nnngccggn cgcncngnn gtntnncatt nataaanngc ttgaanatna      120
tgatgtngcc ntctagnnac nnagatttga ntccgnttan ngaatgtgga aatntgcnc      180
ggaagaaatg ttncnttna tgatagctcg tgnatggaaa aaagngcact gnatttatta      240
cacaaactta cnaatgcttn acttctttac acaacatnng tnaantnata tttgggntat      300
tgcattctat naacaatttg tgnatgnntt aanatgggtg tnatnactnt gntnnncgnc      360
annntgtttt taacnnatan tggccctaaa atatgggtgt gcttatataa tcgcttactt      420
ctgggnactgn aacngnnnta cngaggacag ntgggntttt aacctctctt ttgnacgttt      480
gccngaccta cntggnetan tatggattct aaaagtactt caatgnnctt annaagaaac      540
atatccttgn ggngtattta gatgcttttt gattataccc acacaatncc tgagggggaca      600
ttttggggcn tngaataata aacanttnna tntccactta ncatctgccc cccngnggta      660
agttactatt ngttnnngcng gtacaactaa atnncctttt ccantntttt aattgggaaa      720
taggggcgaa tnnctangnc tttantggnt ggtntctgggc ctcaatggac natnnaacaa      780
ttgnnaaana caaatntgta aatcccggaa ttcctnataa aaaaaant      828

```

<210> 3378

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3378

```

nnnnnnnnnt nnttttnata tacatncagc tcttgttctt tttgcaggat cccatcgatt      60
cgctgacaac ttgattgggt tctccttcag gtttgaagcg ccctcgagaa gtgtctaaag      120
gagacagtgt atagccaaac aacagttttg gattcactga ctgattatga aagaagcagt      180
agactggtat caagaatcag tcagcaagga ggccctcacc agacgccagt gccatgttct      240
tggacttctc agcctccata ttcattgaact aagttttttg aatccttagg cttccngtgt      300
ggaaagcctg agctaacccta ctggaggatg agccatcacc tggagcagat tcaggccatc      360
ctagttagaag cctccctagg ccaagcaacc gtccaactac cagacattga ccattcagcc      420
ttgaacattc agcacaaga caaaacagac cagaccagaa gagtcccaca gaatagggga      480
aactattcag agaaaactta agccactaag ttttatgggt ttttgttctg tagcagaagc      540
ataggcatac tgacaataca aaccgaaatc cttctaactg agtggacctt ttcaggccac      600
atttttttnt tgaaaacctg gagcatgtat catcttatag cagagatcac tttcacaatg      660
tttgggctct tgatttgaat tgatgatgta atgagccctc tatncagatg nnactaatta      720
ctctgcgaat tgactgggat tcacaccctt ctaatatatt acttttcctc ttttatcaac      780
tctcattctc gct      793

```

<210> 3379

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (686)
 <223> n = A,T,C or G

<400> 3379

tgtgcnegga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggctg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgntttggn	ataaactgtg	ngccanngga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggtg	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agacctgtgt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnagggg	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tgancctna	tcccanggtt	tcatttgtgg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctgtt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntattttna	600
aagaaccttt	ttnggttggg	nnaaaaacat	aatttgagcn	ttcnnctttt	nagaattccc	660
ctaacatctc	aggttgggtg	gggngg				686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3380

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcgga	cgagattcca	60
aagggttncaa	anaacttggg	cataantatg	atnatgagaa	gacanegtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaact	gacttnttta	180
gacaaagttt	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccacgt	ggtgggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tetaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcattggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atTTTTggnc	gtaatggggg	gtacaaatga	tcattgtgatg	tgtncactca	480
tntggtgcaa	agtggcccng	gcaccaacng	ngncnnggtn	ctcanccaca	acctgtctnc	540
ctctgagatn	cacnnccent	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	tttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gngtggtttt	tctngctaata	ttcccaccag	ntggnttann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnggggntt	780
ttggaagcn						789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (784)
 <223> n = A,T,C or G

<400> 3381

naacacttng	ctacnngttc	tttttgcagg	atcccatcga	ttogaattcg	gcacgaggag	60
------------	------------	------------	------------	------------	------------	----

```

atctctggga tgtcagtga gctggttgaa gaccagaggt aaactgcaga ggtcaccacc 120
cccaccatgt ccaggtgat gtccagccca ctgctggcag gaggccatgc tgtcagcttg 180
gcgccttgat atgagcccag gaggaccctg caccagcac ccagccccag cctgccaccc 240
cagtgttctt actacaccac ggaaggctgg ggagcccagg ccctgatggc ccccggtgcc 300
tgcattggggc cccctggcgg actccagcaa gcccacagg tggaggccaa agccacctgc 360
ttcctgcccgt cccctggtga gaaggccttg gggaccccag aggaccttga ctccctacatt 420
gactttctac tggagagcct caatcagatg atcctggaac tggacccccc cttccagctg 480
cttccccccag ggactggggg ctcccaggct gagctggccc agagcaccat gtcaatgaga 540
aagaaggagg aatctgaagc cttgggtaag gatttggggc acagtaccag gaggggggct 600
tgggtgccaga cctcatgagg aagaaggatt ttctatgta cagagaaggg gaccctgtc 660
ctgttgggan gtgctgtgca aacctaacca agttactaa cccctctggt ttctgnggtt 720
acacaaangg ggataaatac aaagctttnc ctnaactagc caattctatt tgggtttcct 780
gagt 784

```

<210> 3382

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3382

```

aaccaccagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagtgaa 60
agttcaaaca gaaattgcat tgttattaca gagaaagcaa gaactagttg cagaactgga 120
ccaggatgaa aaggaccagc aaaatacatc tcgcctggta caggaacata aaaagctttt 180
agatgaaaac aaaagccttt ctacttacta ccagcaatgc aaaaaacaac tagaggatcat 240
cagaagtcag cagcagaaac gacaaggcac ttcatgattc tctgggacgg ttacattttg 300
aaatatgcaa agaaagactt tttttaagga aaggaaaacc ttataatgac gattcatgag 360
tgtagctttt ttggcgtggt ctgaatgcca actgcctata tttgctgcat ttttttcatt 420
gtttattttc cttttctcat ggtggacata caattttact gtttcattgc ataacatggt 480
agcatctgtg acttgaatga gcagcacttt gcaacttcaa aacagatgca gtgaactgtg 540
gctgtatatg catgctcatt gtgtgaaggc tagcctaaca gaacaggagg tatcaacta 600
gctgctatgt gcaaacagcg tccatttttt catattagag gtggaacctc aagaatgact 660
ttattcttgn atctcatctc aaaatattaa taattttttt nccaaaaaga tggatatata 720
caagttaaag acagggtatt ataaatttag agtgattgnt ggatattacc ggaaa 775

```

<210> 3383

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1044)

<223> n = A,T,C or G

<400> 3383

```

naacgcnngc tacttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagcccc 60
ggctcgtgtag cgggtgtata ctacggtcaa tgctctgaaa tctgtggagc aaaccacagt 120
ttcatgccca tcgtcctaga attaatccc ctaaaaatct ttgaaatagg gcccgatatt 180
accctatagc accccctcta gagccaatan annaantnat nntnnnaanc ncnnnancnt 240
ananaancct nancctttan aactntnnng agtcntnntn annnnnatnc anacatgntc 300
ncatacatcn cttatttttg ncnnnccnnn cctnnanngc ncnnnnanan angcnntntt 360

```

```

ntcaaattnn nnnnnnnnecg nnnnnnnntc nnnccatnnc nnnncnnttc tacnnatnnc      420
nnnnntnctac nnnntccnntn cnttnnaann tntccncccc ntncncggnn nctnnccnnt      480
tnnnntnnnn nnnnnnnncnn ntctnncccc cnnnnntcc nnnnnnnnec nnnntcnnnc      540
tncnnnnnnc ncnctnntn tnnccnnnnc nnttnntnnn nnnntncnnc nntnnnnnt      600
nnnnnnnnnn ncntncnnnn nntnnnnnn nnnnnnnnnn tnnnnnnnnn nntnnnnnnn      660
nnnncnncnn nnnnnnnnnn nntnnnnnn nnttnccnn tnnnnnnnnc nntnnnnnn      720
nnetnannnc nnnnnnctnt nnnnnncnnn nnnnctnnnn cmtctctct cnnccnntn      780
tctcncnna nnnnnntnnc nnnnnnannn nnnnctnnnn ntcnnncnnn cnnnnncnnn      840
nntnnncnnn cmtncnncn tnnnnnnnn nnnccnnnnn nntctnnnnc nnnncnncct      900
nnnnntnctn nnnncnnncn nnnnnnnntn tctnctnnn cncntnnnnn cntncnctac      960
ncnctnnccn cnaaccnnnn tncatnnctn nntctnctnt tacctttacn nccncccc      1020
cttnccnatn acncaatncc ncct                                     1044

```

<210> 3384

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3384

```

tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gttccctat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360
cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaaa tagctgggca      420
tggtgggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa      480
cttggagggt ggaggttgca gtgagctgag atcgaccac tgactccat cctgggcgac      540
agagcaagac tgtctcaaaa taaataaata aataaataaa taaagttaa aaanaaaaaa      600
aaaaactcga gcctctagaa ctatagtgag tcgtattacg tagatccaga catgataaga      660
tacattgatg agttcggaca aaccacaac tagaatgcan tgaaaaaaa tgctntattt      720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt      780
aaa                                                         783

```

<210> 3385

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3385

```

tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gttccctat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360

```

```

cagcctgacc aacatggcaa acccccgcgt ccactaaaaa tagaaaaaaa tagctgggca 420
tggttggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa 480
cttgggaaggt ggaggttgca gtgagctgag atcgaccac tgcactccat cctgggcgac 540
agagcaagac tgtctcaaaa taaataaata aataaataaa taaagttaaa aaanaaaaaa 600
aaaaactcga gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga 660
tacattgatg agttcggaca aaccacacaac tagaatgcan tgaaaaaaa tgctntatnt 720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt 780
aaa 783

```

<210> 3386

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3386

```

caacgctngc tacnngttct ttttgcagga tcccatcgat tcgaattcgg cagcagcaaa 60
gaggtacaga gtgaagacag tgtcctcctg tttgttattg catggacgat cacggaaatc 120
atccgttact cctttttatac attcagtcta ttaaaccatc tgccttacct catcaaattg 180
gccaggtaca cactttttcat tgtgctgtac ccaatgggag tgtcaggaga actgctcaca 240
atatatgcag ctctgccctt tgtcagacaa gctggcctat attccatcag tttacccaac 300
aaatacaatt tctcttttga ctactatgca ttcctgatcc taataatgat ctcctacatt 360
ccaatttttc cccagttata cttccacatg atacaccaga gaagaaagat cctttctcat 420
actgaagaac acaagaaatt tgaatagttc ctgctttctg cacctccac caaaacaaac 480
ttttcaatga tcaaaaaatg ctgcagattt tttgagttcc caatacgttt catagaaaat 540
aagtaagaac tattttttaa atattcaaac aaaactaaaa caaaaatcca gtgtcacatg 600
ggcctgagat tttatttttag aaaaagggtg ttacataaaa caccctggcc agttcatttc 660
agcatgctct ttcaaccaga agttcttaat atttatgatg gcactagaaa gggatttggt 720
attttatgtc cttctgtgtc cttcatgtat ctgatcaatg aagacctgta ccactaan 778

```

<210> 3387

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3387

```

catanagntc ttgccttttt gnaggacnct cgattcgaat tcggcacgag ccccatctt 60
cactggttat tccacttatt taaaatgtcc agaataagca aatctccata tagaggaagt 120
agattagtgg ttgcttcggg atgggaggaa tgggaagatt gaggtctttc ttttgcagtg 180
ataaaaaatg cctaaaattg actgtagcga tggtcacaca actctgaata tgcttaagac 240
cattgaatta cacactttac gttggtgaat tgtatggatg taaattatag ttcaataaca 300
tagttacaaa agataatcaa aagcatgaaa gcactgttga tgtggnttgg atctgtgtcc 360
tcaccgagtc tnatgttgaa atgtaagccc cctggtggga ggcgatggga ttatggggca 420
gantcctcac aaacgggtta gccacccgc tcaggctgtt ctcttgatat tgagtcctca 480
tcacatctgg ttgcttcaaa gtgtgtggng ccttccctct atctctact gctctggcca 540
tataaangt gcctgcttct ccttcgcctt ntacatgatt gtaaagtttc ctgagcctcc 600
tagaacnaaa gctgctgngc tttctgtcca tctacangan cgtgagccca attaaacctc 660

```

```

tttttttttt ttnngaggnn ntttnttnc nntccnnca ntttnanann cctngnanng 720
gttttnaaaa anaananngn naannnnnnn nccccncgc ctttttaaaa taaaaa 776

```

```

<210> 3388
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 3388
tatacataca gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt 60
gccatcttgc tatgtttccc aggctgggtt tgaactccca gcctcaagca atcctccctt 120
tccgcctcag cctcccaagt ggctgggggt atgggcctga gccactacac agctaagagt 180
gtcttgatg tgctaagtat atggctgggt tctgagagcc cctagagagc ttcaagatgg 240
gggctagtct ttagaaagtc caagcaatgg ctaggtatgg tggccactgc ctgtaatccc 300
aggagtttgg gaggccaagg tggacagatc acctaggagt ttgagaccag cctggccaac 360
atggcgaaac actgtctcta ctaaaaagac aaaaattagc aagacaaaaa ttagctgggc 420
ttggtggtga gttcctgtat tcccagctac ttgggagggt gaggcaggag aatcacttga 480
acctgggagg cagaggtttc agtgagctga gatcatgcca ctgcacacca gccgcctggg 540
tgacagagca agactccatc taaaaaacia aaaaagtcat gattagaggg ttggaacttt 600
cagcctttcg gcctctgctt cttgtcccca cctntgggca naaggaagg gctagagatt 660
gaattatncc aatggccaat gatttattta atcaatatga aaccttcata aaatccccta 720
agtataaag ttcanagagc tttcaagttg gtaaagcttt tctangtgct tgggaaggg 780

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<210> 3389
<211> 815
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

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<400> 3389
gnncnntnt ataatcagc tcttgtcttt gcggctccctc gttcgattcg gcacgagtaa 60
gaatccccac ccccatcaat tttcaggaat gggatgggtc agtaaggata acctttgtta 120
ggaaaaacia gacactctct gctgcattta aatcaagtgc agtgcaacia ctcttggaaa 180
aaaactacag aattcactgt tcagtccata atattataat accagaagat ttcagcatag 240
cagataaaat acagcaaata ctaaccagca caggtttttag tgacaacggg ccggttccat 300
ggacatagat gacttcatca gattgctaca tggattcaac gcagaaggta ttcatttttc 360
ctaggtatct ggaaaacaga aattttcaag gtcaagaaaa gaaatgaatt ttgtattttt 420
tgtatttgag aagataatgc ttttgcttta ctgagacatt atttacttga ctatttttgg 480
ttcaatacta ctactggtgt caccatttat gattctgaat ttaaagttgg gaaaggtcta 540
agtatcaaag tttttaatat ataagtctgg tccaatctat tcataataat cttcaaggtc 600
agggagcccg cagagaccca ccaacttttn cacttatcat ttctaacagg ttattggata 660
aagaangtan ctcttctatt taccgggnat atacctgna aggccttnt tnnngnccct 720
tagctctggt tctctcnggt aattaaaaaa gggttaaaaa atggaaaaaa aaaaaaaaaa 780
aaaaaactcc gngggcctnt agaacttttt gggggg 815

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<210> 3390
<211> 857

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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3390

tcaacngctt	ggctancgtt	ctctttgcag	gatcccatcg	attcgcgctct	canacaannnn	60
aagtatncta	cccattccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgncctggcaa	120
ggtcagaggc	atnaggggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	ccctttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggnccn	360
taaantggng	aantnaccca	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aaccntggng	480
tctgcactcn	ngnggcccan	ntnctnccgc	ttgntntaaa	atgactntgn	cntncctttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	cccncanann	600
gaanattnan	aaaacntccc	agccnctttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcgtttnn	cacctttttg	ganganaatc	720
ccnccacct	tctnaataa	tctnntcnga	ataaaaaaaaa	cncctctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnnccanggn	gggctccntt	tttngccccc	cncttttnna	840
nncacntcn	ntanaaaa					857

<210> 3391

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3391

tcaacngctt	ggctancgtt	ctctttgcag	gatcccatcg	attcgcgctct	canacaannnn	60
aagtatncta	cccattccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgncctggcaa	120
ggtcagaggc	atnaggggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	ccctttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggnccn	360
taaantggng	aantnaccca	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtn	ctctnnacag	gnaaccctgn	naancaaana	aaccntggng	480
tctgcactcn	ngnggcccan	ntnctnccgc	ttgntntaaa	atgactntgn	cntncctttt	540
ttaaaattca	caaanttttt	anccnctaca	tanacatatg	aagtgagnaa	cccncanann	600
gaanattnan	aaaacntccc	agccnctttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcgtttnn	cacctttttg	ganganaatc	720
ccnccacct	tctnaataa	tctnntcnga	ataaaaaaaaa	cncctctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnnccanggn	gggctccntt	tttngccccc	cncttttnna	840
nncacntcn	ntanaaaa					857

<210> 3392

<211> 956

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(956)
 <223> n = A,T,C or G

<400> 3392

ccctcancgn	ncnnaacann	netcnnannc	tcnnatctta	nctttcnnna	tcnantantc	60
ncganannnn	tnccctccnn	atnntaccna	nttancttac	cncctcnnna	acnnctannt	120
tnaantnntt	ngnnnccng	tnttantntt	ttctaacnct	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaaccc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattgggtgtg	ttttcgggtg	tacatagcat	agttgaatta	tgttaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aatgtgtat	gagttcaagt	420
tgacaaggag	tggatnnggg	atggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtg	tcccaaanga	gaataacatt	540
tgagtcanng	gggctgggga	aaggcanacc	cacccttaaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangccnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccgtgct	tggtatgnttc	ctgnccctcaa	720
acnccanact	tcaagtncct	cancttttgg	gacttgaacc	tggtctctct	tgntcntnaa	780
ntttgnatca	cnggcttatc	tgngnggnac	cttanngtt	nagttcnaat	acctcnnaa	840
ttaaancnc	ttttctntac	ananactccc	nctnaattcg	naccntnta	naantnatag	900
tgancccnca	aacctnnatc	cnnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3393

caatgctggn	ctaagtctgg	ctctngttct	ttcgcaggat	ccctcgattc	gaattcggca	60
cgaggagcaa	aataggatta	tattaaagaa	gcaaaagaat	gtcctaataa	ttctccctgg	120
gattaagtaa	cacagtgatt	gatattagt	gagtagaggg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgaggg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	aggggggttt	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaaat	ttaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaga	tctgaaaag	gctgggagaa	420
gagcatccaa	agcacaggtg	gagagacaaa	aagggttaggg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgctctgcat	aagtattttc	cctgtagatt	540
gcaaagtcac	ctatggagag	gaaaggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	caggttgat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
acttacactt	ctgaaaacca	agacacttta	gaaattaaca	ccg		703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3394

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tggccgaaaa	tctaggcttc	gttgggcctt	tgaaaagcca	ggctgcagat	caaattacga	120
agctgtataa	tctcttcctg	aaaattgatg	ctactcaggt	ggaagtgaat	ccctttggtg	180
aaactccaga	aggacaagtt	gtctgttttg	atgccaaagt	aaactttgat	gacaacgcag	240
aattccgaca	aaaagacata	tttgctatgg	acgacaaatc	agagaatgag	cccattgaaa	300
atgaagctgc	caaatatgat	ctaaaataca	taggactaga	tgggaacatt	gcctgctttg	360
tgaatgggtg	tgggctcgcc	atggctactt	gtgatatcat	tttccttaat	ggtgggaagc	420
cagccaactt	cttggatctt	ggaggtgggtg	taaaggaagc	tcaagtatat	caagcattca	480
aattgctcac	agctgatcct	aagggtgaag	ccatccttgt	caatatattt	ggtggtatcg	540
tcaactgtgc	catcattgcc	aatgggatca	ccaaagcctg	ccgggagcta	gaactcaagg	600
tgcccttggt	ggtccggctt	gaaggaacca	acgtccaaga	ggcccagaag	atactcaaca	660
acagcggact	ccccattact	tcagccattg	acctggagga	tgcacg		706

<210> 3395

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 3395

gnnnctaattg	ctggctattg	ttctttttg	aggatcccat	cgattcgaat	tgggcacgag	60
gcccagctac	gatctatatg	ctgtcatcaa	ccactatgga	ggcatgattg	gtggccacta	120
cactgcctgt	gcacgcctgc	ccaatgatcg	tagcagtcag	cgcagtgacg	tgggctggcg	180
cttgtttgat	gacagcacag	tgacaacggg	agacgagagc	caggttgtga	cgcgttatgc	240
ctatgtactc	ttctaccgcc	ggcggaactc	tctgtgggag	aggcccccca	gggcagggtca	300
ctctgagcac	caccagacc	taggcctgc	agctgaggct	gctgccagcc	agggactagg	360
ccctggccag	gcccccgagg	tggcccccc	gcggacagcc	cctgaacgct	tgcccccccc	420
tgtggatcgg	ccagccccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactggggt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttggtg	600
gtggagacct	ctcaggttgg	gacttcttgt	cagcttggac	ccctgaccag	tgggctttgg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

<210> 3396

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 3396

tttcaacgct	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ttatgtctgg	ctgtagctgt	tggtcacgtg	aagatgacag	acgatgagct	tgtgtataac	120
attcacctgg	ctgtcaactt	cttgggtgca	ttgtcgaaga	aaaactggca	gaatgtccgg	180
gccttatata	tcaagagcac	catgggcaag	ccccagcgcc	tatattaagg	cacatttgaa	240
taaattctat	taccagttaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaanann	naanaataan	cntantncnn	360
nnanttnatn	ncnanccttct	ccatntacna	nnannttant	nactacannt	cncatcnmnc	420

ttatcttctta	ataccnacc	cnatntna	ccatctacc	tntnctcaac	cntccnctn	480
natnctcttn	ntccccn	ncacctcnc	nctcnantc	ctntatannt	ttctccctc	540
ncctcgncn	ctnngtncnt	tntctactgt	tntctntnta	nnctctcttc	tctnnctctc	600
ntnctntct	nnancttnt	tnnecntcn	gctcnncnt	ctnnctcttc	tatcttccn	660
tntcncaen	ctctcatgca	attnnacnt	cncnctnca	ncnattngac	tcnctctnn	720
atctntctgc	atcactnanc	nnnnntnnc	ttctctctac	cnnctcttc	ttntnnnnnt	780
nnnnnnnn	cttatnacnn	nnnnntnt	ntnnnnactc	nnntntann	nnntnnann	840
nnnnnnctc	tnnnnnntn	ntnctntnn	nnnnnnnt	nnnnnnnn	nnnnnnnn	900
nnnnnnnta	nnnnnnatna	ntnncatnc	ctcactatn	nnctctcnn	nnnnnnnc	960
ntccccnnn	nnatnnctcn	cttnacatac	tctctatctn	nnnnnaccnc	tacnancnc	1020
tnntntnct	nnnnntana	cnctnnnna	tntnngctct	cnnnnncac	netnttctnn	1080
nantnatctc	ttccccngnc	naac				1104

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (811)

<223> n = A,T,C or G

<400> 3397

tttnnnnnntn	tnaatccctt	ngctaccncc	ntttgatnga	catacancta	cttggtctttt	60
ttgcagggat	cccctcgatt	cgaattcggc	acgaggaatc	accctcggct	gggaagtcag	120
ttcgnnctct	cctctcctct	cttnttgntn	gaacatgggtg	cggactaaaag	cagacagtgt	180
tccaggcact	tacagaaaag	tgggtggctgc	tcnagcccc	agaaagggtgc	ttgggtcttc	240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnn	300
aggaaccccg	tttgctgctg	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt	360
aggttgctcc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn	420
ggcttaagaa	aancaaagag	aaaagcatgt	cctttgcaac	ctgatcacac	aaatgatgaa	480
aaagaataca	actttctcat	tcatntntgn	ataacgnctc	cttggtttacc	ctgggtattct	540
agaatgtaaa	tttacataaa	tgtgtttgtt	ccaattagct	ttgttgaaac	agcatttaaat	600
tnaaaaantt	acgttttaaat	ttagatgttc	aaaaggagnt	gngaaatttg	agaatnngta	660
agactaatta	tggnaactta	gcttagtatt	caatataatg	cattgggtggg	gtttctttta	720
cccaaattaa	ggggtctagt	tctttgttaa	aatcaagnca	tttgcatctg	tgggtctaaa	780
tacaagtatt	gttgcntttg	agaattgctt	a			811

<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3398

nnnnnnnnntn	tgaaancctt	nggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tgggcacgag	attctctcaa	taatggccag	cggaaaagta	cgcgctgcca	ggcatctgcc	120
tccgaggagt	cattaaactc	ccacagtggg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggctcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttggtga	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctggg	360

cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatgggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttattttacat	480
tataaatatt	aactgggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatcaagaa	600
ctccttttct	tgaacggttc	ctnctttttt	agtgcctaata	taataactt	acttaccng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	ccttttaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3399

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3399

canctcttgt	ctttttgctg	accctcggtc	gaattcggcc	gagtaagaat	cccccccca	60
tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	tgtaggaaa	aacaagacac	120
tctctgctgc	attttaaata	agtgcagtgc	aacaactctt	ggaaaaaac	tacagaattc	180
actgttcagt	ccataatatt	ataataccag	aagattttcag	catagcagat	aaaatacagc	240
aaatcctaac	cagcacaggt	tttagtgaca	acgggcccgt	tccatggaca	tagatgactt	300
catcagattg	ctacatggat	tcaacgcaga	aggtattcat	ttttcctagg	tatttgga	360
acagaaattt	tcaaggtcaa	gaaaagaaat	gaattttgta	ttttttgtat	ttgagaagat	420
aatgcttttg	ctttactgag	acattattta	cttgactatt	tttgggtcaat	actactactg	480
ntgncacat	ttatgattct	gaatttaaag	gtggaaaggt	ctaagtatca	aagggtttta	540
tatataatgc	tggnccaatc	tattcataat	aatcttcaag	gtcaggagcc	cgcagagacn	600
cncaactttc	cacttatcat	ttctaacagt	ttattgnata	aaggatggta	cctcttttcta	660
ttttaccngg	naatatacct	ggaaagggcc	ttcttttang	gnccttttaa	cctctggggt	720
ccctcccggg	naattaaaaa	aagggtttaa	attnttgaaa	aaaaaaaaaa	aaaaaaaaaa	780
cctcgggggg	ccttttataa	actttttggg				810

<210> 3400

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3400

gnnttnannc	cnttttnatn	cncntncagc	tcttgttctt	tntgcaggat	ccctcgattc	60
ganttcggca	cgagggtgag	ctctcttaan	aaatttataa	atactgnnga	acaaagggag	120
gagtttgtct	taatctggag	tggaggaaac	ttctgngtca	ccnaacacag	aaaccatcaa	180
agaaaatctt	tcactttcna	aattagtcta	tacaaaaaaa	aangaaaatc	ttaccccaaa	240
tnanagactg	aggcatgagc	ttcaatcaat	cgangtttac	tggccnnagt	tngagcntgc	300
ccagnaaagc	aacacaagtc	aaagaaacgt	ctgtggcctg	tgctctccca	aaaagttttc	360
aggaggctca	anatttgtac	atttctttaa	anggganaag	acagtgaggc	anatggttat	420
gtttttgtga	gactcttant	tagtgtcccn	tgaatctaaa	ctntntggaa	nataggggtga	480
acactgnaag	ancagggagt	gacataanaa	ccaattatgc	nacacgtctc	atgttacgtg	540
gaggaatgan	gntctcatct	tatccttggt	ctgcccctgn	gcagataaac	ttgttattga	600
cattgtcagt	ntgaaattta	acagactttt	gttttangag	ttaagtttan	ggtgcacacc	660

taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggtttagggg 720
 ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

<210> 3401
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3401
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 ganttcggca cgaggtagagg ctctcttaan aaatttataa atactgnnga acaaagggag 120
 gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa 180
 agaaaatctt tcaactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaaa 240
 tnanagactg aggcagtagc ttcaatcaat cgangtttac tggccnnagt tngagcntgc 300
 ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgcctctcca aaaagttttc 360
 aggaggctca anatttgtac atttctttaa anggganaag acagttaggc anatggttat 420
 gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa nataggggtga 480
 aactgnaag ancaggaggt gacataanaa ccaattatgc nacacgtctc atgttacgtg 540
 gaggaatgan gntctcatct tatccttggt ctgcccctgn gcagataaac ttgttattga 600
 cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc 660
 taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggtttagggg 720
 ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt 780

<210> 3402
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3402
 gnttttnnnn nnttttaatn tacatacanc tacttgttct ttttgcaggg atcccatcga 60
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 gaggagagact ggggagaagg gaaaagagag aaggcagggg gagtagggag agaaaacctt 180
 ccagcagccc agtaaaactgc gggcgaagag atctaccctg ctccctccct cccacagtta 240
 ccattggcct tgcctatcgca agcatttgac aaagacttgc ttgtttgggc ctgtcacctc 300
 ctgaaaggct gcttttagctg tggatgccct tgattaaggg agagagcgcc taggagctgc 360
 ctgccccanc tggggtgacg gctgtagggc tgggtctatg ttgcaagccc tatatcctan 420
 catgcagtgg aaagtgccta gctctctccc tcctgacctc tgggcagcca gtcacaaag 480
 cagagagacg tggcggcagc tgggcagcat gcccagggtc cttgctgact cagcacttat 540
 ttctgtagtt ttaaaaaaga atttaagtgt tttggttgta tttttttggg ggggtgaggg 600
 tgggcaaaaa catgggggta gttctgagtt gttagaaatg tttctgaatc aagtttggtt 660
 gaaaacacgt tgtgcctttg taccatttat aagatgggtc taanacccaa gaactgataa 720
 gctttggggt ttttttggtt tggtttggtt ttttgcttca ttttaccatc tcatgcctag 780
 ggtttccat 789

<210> 3403
 <211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3403

gntttaannnc nnttttaata tncatncanc tacttgttct ttttgcagga cccatcgatt	60
cgaattcggc acgagggaaac ccccaccatt aagctaaagt aaaacccttt tgaggggaaga	120
gggagactgg ggagaaggga aaagagagaa ggcagggaga gtaggagagag aaaaccttcc	180
agcagcccag taaactgcgg gcgaagagat ctaccctctt ccctccctcc cacagttacc	240
attggccttg tcatcgcaag catttgacaa agacttgctt gcttgggcct gtcacctctt	300
gaaaggctgc tttagctgtg gatgcccttg attaaggag agagcgcta ggagctgctt	360
gccccagctg gggtagcggc tgtagggtg ggtctatgtt gcaagcccta taccctagca	420
tgcagtggaa agtgcttagc tctctccctc ctgacctctg ggcagccagt catcaaagca	480
gagagacgtg gcggcatgtg ggcagcatgc ccaggttcct tgcctgactca gcacttatctt	540
ctgtagtttt aaaaaagaat ttaattgttt tgggtgtatt tttttggggg ggtgagggtg	600
ggcaaaaaca tgggggtagt tctgagtttg ttagaaatgt ttctgaatca agtttgtttg	660
aaacacgtgt gcctttgtac ccattataag atggtcataa gaccaagac tgataagctt	720
tggttttttt tgtttggttt ggttttgctt catttaccctt ttcattgcta gggttccn	778

<210> 3404

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3404

caacgctggc tacttgttct ttttgcagga tcccatcgat tcgaattcgg caccaggctg	60
agcgagtgtc tcaagcgcac cggggacgaa ctggacagta acatggagct gcagaggatg	120
attgccgccc tggacacaga ctcccccca gaggtctttt tccgagtggc agctgacatg	180
ttttctgacg gcaacttcaa ctggggccgg gttgtcgccc ttttctactt tgccagcaaa	240
ctgggtgctca aggcctgtg caccaagggt cgggaactga tcagaacctat catgggctgg	300
acattggact tcttcggga gcggctgttg ggctggatcc aagaccaggg tggttgggac	360
ggcctcctct cctacttttg gacgcccacg tggcagaccg tgaccatctt tgtggcggga	420
gtgctcaccg cctcactcac catctggaag aagatgggct gaggcccca gctgccttgg	480
actgtgtttt tcttcataa attatggcat ttttctggga ggggtgggga ttgggggaca	540
tgggcatttt tcttactttt gtaattattg ggggtgtgtg ggaagagtgg tcttgagggg	600
gtaataaacc ttcttcggga cacaaaanaa aaaaaaaaaa aactcgagcc tntagaacta	660
tagtgagtcc gtattacgta gatccagaca ttgataaaga tacattgatg agtttgagca	720
aaccacaact tgaatgcant ngaaaaaat gctttaattt gggaaatttg gngaagcnn	779

<210> 3405

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 3405

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nnnnnnnnntt taaatnccat tnntttctnn nnnttttnat ntanatacan ctacttggtc      60
tttttgccagg atcccatcga ttccaattcg gcagaagatt aaaccgggtt ctgtgggcac      120
ctctgtcctt gctgctggtg gggaaggga gccagatcca gcacccctg gggggccatc      180
gggagtgtgg ctgggggtga agggggctct gtggcaatat ggggttgggt agtgtgggtg      240
gcaggccatc cctctaatc ttggaacctc tgaatatggg acctcccaca gcaaagggtg      300
actttgtcat taanaaagac tgggggtgggt gtgggtggctc acgcctgtaa cccagcact      360
ttgggaggcc aaggtgggca gatcacgagg tcaagagatc ganaccatcc tgnccaacat      420
ggtgaaaccc catctctact aaaaatacaa aaaattagcc ggggtgtgggt gtgggcacct      480
gtcgtgccac tctaaggagg ctgangcacg anaatgggtg gaacccatga ggcacacctt      540
gcantgagcg aanatgcac cactgnacgc actncaacct ggggtgacaga gcgagactcc      600
gtctcaaaaa aaaaaaatt tcaagactgg agaggtnatc ctgaattgtc cagctacncc      660
ccatgtnatc acagggcctt catgacaggg ncagagccac canctttgaa ganncngtcc      720
tncccccnaa cangcagnct gganaaactt ggncangaca agtaggacat tcctggagcc      780
tccanaangg actgggcttt tnc

```

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

```

caangctggc tatcgttctc tttgcaggat cccatcgatt cgaattcggc acgagcctga      60
ggtcacatgt ggatttggcc agagccttca ggaggtggag gccggtgagg tcaggagccc      120
agctctccag ggggcttctg cctgactgg gaagggtgcc tggctcccta aaacaatgtc      180
aaagccagtc ctgctgttct ctgttgccag ggggcaggtc tgggcctggg ccaaccacgt      240
ttgttatcat ggctgctgcc ttctggacag ctgccagctc tgccctgaga ggttgtggga      300
cctctggatc cagctgacct gacaggatc ctactcaggg aggagccctg tgctcccagc      360
tcagaggaca gtctgggcca gaactggaag gagacatctg tcccgctctt gactgacaag      420
cccgggacaa cagccagtgg gcacacggc tctccagcac tccttagccg gaggatacag      480
agtgatgggt gcacctgac caatgcgaca accaacacgt gctctcaca acccctgact      540
cccgccactt ccagtgccaa agtcaaacgc tgcttgata aggagagcaa agcttctgga      600
actttattta ctctntcttt ttaattntct tttaagagac tgggtcttgc tatgttgccc      660
aggctggctc tgaactcctg gcctcaagt atcctccagt tcccatctcc ctaagactgg      720
gattacaggt gtgagcccg tgtacccgaa ctttttttgg tttttgcttc ncg

```

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

```

gnnnnnnnnt ttatttatcat tcagntatng nnnttttgnt ntaaatacan ctcttggtct      60
ttttgcaggg acccatcgat tcgaattcgg cagcagggtc ctccctgagt gtcgaggagg      120

```



```

acatgagtga aatgaccagc gaactcattt tttataggac tcggtgaagc cggattctgc      180
atctccctac ttgtagactc attttgtgga atagagttga tcgctgtctc ctccgcaaag      240
cattttaact cgaataagca aatgccgcct ctgtttgaac gttttggtat ttacaagaga      300
gaatcatttt acctaagaga actaattgaa ttggcagcat ccttgaaata cctccggaca      360
aggatctggg ggtgggggtg gaaaagcaac tgcgaaatag cagacggaga aattcctttg      420
gaagttattc cgtagcataa gagctgaaac ttcagagcaa gttttcattg ggcaaaatgg      480
gggaacaacc tatcttcagc actcgagctc atgtcttcca aattgaccca aacacaaaga      540
agaactgggt acccaccagc aagcatgcag ttactgtgtc ttatttctat gacagcacia      600
gaaatgtgta taggataatc agtttagatg gctcaaaggc aataataaat agtaccatca      660
cccaaacat  gacatttact aaaacatctc anaagttttg gccagtgggc tgatagcccg      720
ggcnaacacc cgtttatgga ttgggattct tctctgagca tcattcttcg aaanttgcat      780
aaaagtttca gggaatttaa agaagctg                                     808

```

<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 3408

```

tnnnnttta tttcnttcgt tctngntttt attacatcag ctcttttctt tttgcgggtcc      60
ctcgttcgca attcagagac acacataaga aactggaaga agagaaaggc aaaaaggaaa      120
aagaaagaca ggaaattgag aaagaacgga gagaaagaga gagggagcgt gaaagggaac      180
gagaaaggcg agaacgggaa cgagaaaggg aaagagaacg tgaacgagaa aaggagaaag      240
aacgggagcg ggaacgagaa cgggataggg accgtgaccg gacaaaagaa gagaccgaga      300
tcgggatcga gagagagatc gtgaccggga tagagaaagg agctcagatc gtaataagga      360
tcgcagtcga tcaagagaaa aaagcagaga tcgtgaaagg gaacgagagc gggaaagaga      420
gagagagaga gaaccgagag cgagaacgag aacgggagcc gagagagaga gcgagagagg      480
gaaccgggag cgagaaagag aaaaagacaa aaaacgggac ccgagaagaa gatgaagaag      540
atgcatacga accgaaaaaa aaaaaaaaaa aactcgagcc tnttaactat agtgagtcgt      600
attacgtaga tccagacatg ataagataca ttgntgagtt tggacaaccc ccacttgaat      660
gcagtgaaaa aaatgctttt tttgtgaaat tttgngatgc tnttgctttt tttgtaacca      720
tttttagctt gcaataaaca agtttnccac caaccanttg cnttcatttt nttntttcan      780
gttcaagggg aagtttttgg aag                                     803

```

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3409

```

tttatataca tcagttcttg ccnttttgnt ngactanagc tcttgntttt atgcaggacc      60
ctcgattcga nttctgnncg agtctctctn tctctctctg tgtctctcgg aactggttcc      120
ctgggctgac cggagccggg agaacaacct ggcctcaggg agagagacgc taccgggctt      180
acgccacccc ctctnctcaa cacaagccca aactgctacc cgcgaggtgc aagtaagcgg      240
cacctcagaa gtgtctgcgg gccctgaccg ggcgcaggtg gtggtgcagt gagcagcacc      300
aaggaggcgg cagccgagcc aaaaagagcg tttgtgcggc tctagattac atcacgcaga      360

```

```

gcctccagca ncagggcggtg cangcagaaa atataactgt gacaaaaggat tttaggagag      420
tggaataatgc ttatcacatg gaagcagagg tctgcattac atttacttga atttggaaaa      480
atgcaaaaata tttgttaactt tntttgttga aaagctaaga tagctnttgt tgtcatcagc      540
ccaccccgagt tcttatcata ctccagggtt ctgggttgana atcttcgacg gcaagcctgt      600
cttgttgctg ttgagaatgc gttggcgcaa actcaaagaa gtcttgtnaa ccttggtggg      660
ccaaacctta ngaaaacctt ttacttaatt cnaaggaaga agnaaacaca aggaattggg      720
gaagggccaa atagatgatt naccnagttc nttccagact tcttcaagtt caattaactt      780
gtncnaccaa aaaaatcaaa agtggcaacn aatncattgc ttn                          823

```

<210> 3410

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3410

```

catncngttt cnagcctttt tganatacat tcagctactt gttctttttg caggatccca      60
tcgattcgat ttgactaaat cattgtttca caactgaata gtcttggtct tttagtagca      120
atgaaatcct aagctcttga ggccattcac ctgccaacct gaccatactg ctttcaaaag      180
tctttttctca tcagtagaat ctattttggg cacttctagt caatgaaaaa tgtaaacttt      240
taggagagaa tgtttcctag gactcaccca ctccattcaa tgttacatta aaatagtgtg      300
atcaatcaca atgtccatct ttagacagtt ggtaaataaa attatctggg ctttgaaaag      360
accgtgctgg gcgcgggtggc tcttgccctgt aatcccagca ctttggggagg ctgaggcggg      420
cagatcacct gagatcggga gtttgagacc aagcctgacc aatatggaga aacctgtct      480
ctactaagaa tacaaaatta gctgggcatg gtgggtgcatg cctgtaatcc cactacttgg      540
gagggccagg caggagaatt gcttgaaccc gggaggcana ggttgacagt aggtgagata      600
gcgccattgc actccaacct gggcaacaag agcaaaactc tgtctcaaaa aaaaaaaaaa      660
aaaaaaaaaac tcgagcctnt aaaactatag tgaggcgtat taccgtagaa tccagacatg      720
ataagataca ttgatgaagt ttggacaaac cccacctng gaatgcngng naaaaaatgc      780
tttatttgtg naaat                          795

```

<210> 3411

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3411

```

gnnnnnnntt taaantccat acagtttcaa gncntttttg aaatncattc agctacttgn      60
tcttttttgca ggatcccatc gattcgaaat cggcacgaga gtccacatta aaaagaaaaac      120
aaaacaaacc ctaactaact tccaaatggg tctcctgggt cgggggctgt agtggccgtg      180
ccctgggtgt gctgcctgtc tgagcaagct tccctagctg tggaaacccg ggccccctgc      240
tgccgggtct gccttggtgt catgcctgct gcaccccggt ttccactgac gtgcctgtct      300
tggttatggg gtggtcactg gaatgacggt cactccagac gtcagccggc agggatgcan      360
caggctggcc gcgcaccggg gctcgggcac cctctggccc cacactggca atgatgccac      420
accttgccat gtccacgctg ttggtcaaac ccctctgtca tgccctctta aagagaaaag      480
aagagaaaaga tttttttttt taatggcana ccgaaatgga gatctttagt cctanatagg      540
atagtctgac cttctancat agtctttttg gcaaatgatt tgtgttttca gtgtgtgggg      600

```

aanctgtcct	gggggctggg	gcgacagata	gcacataagc	tgtttntggg	gctgcanggg	660
ctncttgact	ggatgttgtg	ggtgttgccn	gcttnagaat	gtggcnacaa	aaagcgtana	720
ccggggccag	gtntgccgcc	tgagctggct	cccnaagntg	ggttgntcan	cgttatatt	778

<210> 3412

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(869)

<223> n = A,T,C or G

<400> 3412

atttcaaaaa	ctcttgccct	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggc	acacacatat	ggtggccaca	cccaggaggg	tagtggngag	ttagatttna	120
gagtccaggc	cctaggttgg	gacccactcc	aaataatctc	ctcgggtgtg	gtgggtggtn	180
tatanangga	taaatgaata	ataaacattn	ntaaaatata	cgtatttctt	tgntggaaat	240
gcctgctgca	cccccgtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	ancengcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tggcccacac	tggtnatgat	gccacacctt	nccatgttca	cncgttttgg	420
aaaaanncct	tttnttttcc	tcttttaaag	agaaaacatt	ganaaagatt	ttttttttta	480
atggggccgac	ccnaaaaggg	agatctnccc	ncccttgat	atnatantnn	tgacctncc	540
tacnaagang	gcgttttttg	caaaatnatt	ntttntttt	tcnecnggtg	gtgggggaaa	600
aatttttctt	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaact	ttggaatttt	tnngggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnacccecg	780
ggggccnaaa	anttttttnc	cccccttgga	ngccttttan	tttcccccac	aaactttttt	840
tttttccctt	ccaaccnctt	ttattcttt				869

<210> 3413

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3413

nttttatatta	catanagntc	ttgccttttt	nnanganata	canctacttg	ttctttntgc	60
aggancccat	cgattcgaat	tcggcacgag	gccacnanca	ggtggggggc	aggacgccnn	120
ggnnctgacc	gcctccacta	gagggnggtg	gccgcggggc	gacctggacc	ttnanncctt	180
gtccngacct	nccggtgggt	gggtgcgccc	gggagccngc	nacattcctt	nttcttganc	240
agccaaanac	tggagtnchn	ttcnnncnang	nacntttntt	tttttnngat	cangagtgtg	300
tncaacgtac	nccctgcctt	nngnaagccc	tgantccntn	atggagcctc	nnagagtggg	360
gagcatattg	gggtggggta	atgcactnca	nccaagnnga	atgnacacaa	ngggntcgct	420
naangnnntg	nggnncctt	nacccttac	caccatgtgn	ngntngnctc	tgtggttgaa	480
catcnnactn	gtncgcaaan	gganactnac	tntaaaaccc	tttgnacnan	ggtgcnaaac	540
cacagntgtg	ncctgncnca	nctanccatc	naaagaatna	caaaaccnch	tnagggggcng	600
ngggcnanch	ntcncccttg	tcnecncctg	tnttggantg	gccttttcggc	ttaaacagtg	660
aggctcanaa	nggnncnaac	ctgggggtgnt	aataaaaaaga	acnaattaag	anactnttcc	720
ctccnaccce	cctttccttg	tngccagggg	gcancaaact	ngattnttga	agcccaanat	780
aaaaaaaaag	cttnatatch	nggaaaaa				807

<210> 3414
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3414

tntcnttcaa	atngcttggc	tctcgttcctt	tctgcaggat	ccctcgattc	ggaaatatag	60
agagatgtgg	gatttgaatg	cccatgaaag	acattttatt	ttacttgaat	atattccttgc	120
ttcactttac	cctccataat	atgttgtaca	ttagtgtctga	tcaagtttac	agagttacat	180
tttgctttcc	taaccattca	gtcaggaatt	aaaatatggc	attgtataac	aactgggaag	240
aagctcatag	tggatataaa	ttagagtaga	taatgggtca	ccttgatagc	ctctgtttac	300
attacttgta	tatgggcaaa	ataattatta	cctatacgtg	tatttaagct	taattttcat	360
ataaacagta	tttttaactc	atgttaaaat	agataatatc	taaaagtgtg	atctctaggt	420
agtccttagt	ttatttagtac	tgtacttcaa	aaagattttt	aaatagggtcc	ggcacggngg	480
ctcatgcttg	taatcccagc	actttgggag	gctgaggcgg	gctgaatcac	ctgaggtcag	540
gagttcgaga	tcagcctgnc	caacatggtg	aaacctgtc	tcaactaana	atataaaaaat	600
tagcccgggc	cgtggtggca	ggcgctgtga	atcccagcta	ctcgggaggc	tgangcagga	660
gaatcacttg	aacccaaggg	gcagaanctg	canttaagcc	aagatcgcat	cattgn	716

<210> 3415
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3415

tttttaana	aancaggntt	cctaatnctt	gttntnnnga	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgctg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggagggt	cagtttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggaacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagtcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgtat	accataaatg	ggcagtttct	600
gaaatttttg	ataaagcatc	aagaactcct	ttttctgaaa	cgttctctct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann	774

<210> 3416
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgtcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgctcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactggtg	360
cccatattga	tgtggataaa	canaaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3417

tgtncttttc	anttgntage	ncttggctac	ttgntctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantctt	120
gggcaggagt	tattgcactg	tttgtatgat	cnanaccac	ctnctctgct	ggaaacaagc	180
agcgtgantt	gntcacttgc	ctttcnagn	cnctattggc	cagntgcttg	nangngaacg	240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn	300
tgtntnnaen	tgctgntnna	ggtaannngn	gttntnntca	agntntttgc	aangngatga	360
caaaactaatg	tttgaatnng	tcatgataan	ggggcntctn	atactctgga	ncatcnccaa	420
nctgantnng	aagagctgcc	ngnntatctg	ntagtgncc	gctncttgaa	attnccaaac	480
anntgcctng	ntggaaattc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt	540
antnnncang	atgatggaat	tcnnncnatc	naacatnctn	tncgctngnt	anacttnnna	600
ttnactnann	gnctntnntg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang	660
cntcaagtnn	ctaacctngn	ttngaagttg	tngcaccann	ttnt		704

<210> 3418

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3418

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggctctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcatttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattctttc	240

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtacaaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanatttnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3419

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3419

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtgg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttaggggt	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcatcttttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taattttgac	atatggaagg	gtacaaaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanatttnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3420

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3420

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcatttccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gctcagtggtg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataagggtg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgttactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgttaat	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (743)
 <223> n = A,T,C or G

<400> 3421

tcttccattt	naagcccttt	getacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcagagag	aggggtgggt	ctggccacat	aggtaacctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggcatggtg	420
ttgatcagga	actttttgtg	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgtttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atategctgt	gaaatnttaa	ttttgacata	tggaaangtn	accnaaaaat	tttgaaccca	600
tacctnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720
gnnnccttt	ttnaaacttt	tac				743

<210> 3422
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (738)
 <223> n = A,T,C or G

<400> 3422

tcttcgtttt	natncttgga	aatttgnana	tngctaggct	actngntctt	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacggttat	ttcacagata	tgagagctg	120
gaagcaggga	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcct	tgccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcataaaaa	gctgtgaagc	360
ttggggaaca	gagggacttt	tggtgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tggtggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggttagtttt	ggacaant					738

<210> 3423
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3423

ctnntttntt	ttngaancct	tngetcttgt	tctttttgcg	gatcccatcg	attcgtgaag	60
aggagacggt	gacctgggct	ccttatgtgc	ctgaaagagt	ttgagtttcc	tgttaactcc	120
aatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgtctg	ttaagtgcag	180
ctaggatttc	cacaggaaga	cacttgcagt	gaacagagtt	atggagcagc	aaaaacacag	240
atctatttgg	aaaaagagaa	aacatatgcg	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtgggttctaa	attacaaagg	actttgattt	ctaggtagat	tctgggtaga	360
gacttctctt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggt	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaattc	tgagctgcat	aacttgtata	aagtaatttt	cagtgatttt	ttcatggtta	600
tgatnaaaga	actggattta	nccagaaacc	tttacctgga	ttcaagattt	aatttttcct	660
ttgagcctca	tccttaaagg	attttcggga	aaacattaag	gggagccaaa	nccnattggn	720
tggttgggcn	tgccctnnaa	ttgcctttgg	acttttttaa	ccgggctttt	gnnn	774

<210> 3424
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3424

gccnccccnn	tttngntctc	aacttgtacc	ctttttgcan	nancncgnnc	tncttgcagg	60
ntcccatcga	ttcgaattcg	ccacgangtt	atattaaatt	attcttttgt	tttctttttc	120
ttttaataaaa	gcctgcaagt	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaagg	tgaaaatgat	gctttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggcctattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtagggtt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcattgtna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggtcatgttt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaattt	ataagattat	cccccgttcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcttggantc	gnngagaaat	cgcntccatt	660
cgnngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tccnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangncn	780
nttttcengg	naannn					796

<210> 3425
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3425


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ctacttggtc tntntgcagg atcccatcga ttcgaaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggg gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gctttggctt ctcaaagtgc taggattata ggcgtagacc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctatttaga aaagagtttg ataaaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgcaaggg ttgaccaaag gaatgatgac atagagtagn tcagatctat catgtgctct      480
tctatctaag cagtccaata tttccttggg cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct

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<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3426

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ctacttggtc tntntgcagg atcccatcga ttcgaaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggg gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gctttggctt ctcaaagtgc taggattata ggcgtagacc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctatttaga aaagagtttg ataaaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgcaaggg ttgaccaaag gaatgatgac atagagtagn tcagatctat catgtgctct      480
tctatctaag cagtccaata tttccttggg cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct

```

<210> 3427

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3427

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tntntnntt nantngaacc ctttntctct gctctttttg caggatccct cgattcgaat      60
tcggcacgag cacaaggaga agaagttaat taacattgaa ngatgagaag acatcttgga      120
agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc      180
aaaggcatag aggtaggaaa gtatagatct ccaggggacag tagtcatggg gttggggcac      240
tgttggaatt taaggttgga aggatatatt ggagccctct gaatacggta acaaggcaca      300
ccttgggcag tggagagtta tcagagtgtt tgaaaaggag ggttattgag taaataaata      360

```

```

gactgggtact ttaggaatth taaaatgtgg atcattgtac tactaataac tatttatttt 420
atatttacta tctactaagt aatttacatg tattttcttg tactgactgt aaaccttctg 480
ggtgtgggtg ttttaagtgc cattttactg atnaagaaac tgaggcttaa atagttgaaa 540
taagtcaccc tgtagtgag tggccagaat gacaagtcag atctanggtt tgtctaactn 600
ccaaagatna tataaaaata atggatctct ccttttccct tatgcataaa atatggggag 660
cntttttaa tcatatccca tncgattgnc caaaaaata cctttnggga aaactgatta 720
ttantattcc anaataaatt tcaacggcct gcntngnctn ctttacaact ttnt 774

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<210> 3428

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3428

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aaacantttg ctcttgttct ttttgcaagg atcccatcga ttccggccaac ttcaattccc 60
ttttagtcac ctacttcta ctaacagctg taactaggat gagtcaaaat caattgccta 120
tgctcaccag atccctgata aattcccatg aagccacctg aaagggtgta aaagcaagg 180
aaaacgtggg gaaagcaagg taaagaagggt agatttcaca attttgtttt ttaaaaagg 240
gaatcttccc tgaattcttt gaggtactaa gtacgtgggt taatgcataat ttccattctt 300
gttagcagtt taaaaataat gtttcagaga ctgtattcac gattgctaaa aagcattttt 360
tctactaatc attgttcatg ggacttaaca atggaagata actgggaaag cagtaaatat 420
aggaaaccac taatagtgtc tcttcttcc taccctgacc ctctctttgg cttcagaaag 480
tgacgaggaa aatgtatctt tcacaaagaa aagttatacc acagaangta ctaaaaagca 540
acaactgcct ttggggacag gaaacttaca gaggggatta ttatagaggg ataacatacc 600
gagtttctat ttcaataaga gggaaattgg tttatattct gttcacactt gtttcaaac 660
cctctcctct aaaagcatgt gttttttgga attcaaggaa tgtaccgttc tttccccaac 720
ccttaaactg gggggtcann 740

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<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3429

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tcttccattt naagcccttt gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagag aggggtgggt ctggccacat aggtacctnt gtggctctgg tctgggggta 120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180
tacttgcatt ttanggtctg ttttatgaan ccaacaagtg aatgtaaaat aggtctcgca 240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcng ctctgtcaca 300
atgaaccatg aatacttaag aaagggaag taggaacang gagcatagcn aagcataact 360
tgctgtgttc canggattta aaaataaatt actgtcnaga gcaatataag ggtcatgggt 420
ttgatcagga actttttgta aatgaaaaag ttcacaactt ggaaaaaaca gtgctagatg 480
tgttatggaa attgttatca caaattattc cactgaaact caagtatnta anacaacaat 540
atatcgctgt gaaatnttaa ttttgacata tggaaangtn accnaaaaat tttgaacca 600
taccttnttg gcttnaaatt gcanggtggg taccnattt nttaaaaaatn annanacctt 660
tnnnnccaaa aatnacttna tntacaaaaa aattttccnc ggnccatggt taanaacctt 720

```

gnnncnccttt ttnaaacttt tac

743

<210> 3430

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3430

tgctcctttna	attctaatagc	ttggctactc	gntctntttg	cangatccca	tcnattcgan	60
tnccggcacga	gggcaggggc	ccttanagtc	ttgggttgcca	aacagatttg	cagatcaagg	120
anaacccagg	ngtttcaaag	aagcgctagt	aangtntctg	agatcctngc	nctagctnca	180
tnctnagggt	aggangaana	tggctnnenn	aancatgcgn	gtgctcctat	tgctganctn	240
nctgnccaaa	ncatgagtc	tgggtgatat	catcatgaga	cccacatgtg	ctcctgnatg	300
ganttaccac	tacttcaaag	gctatgagta	ctntcagaaa	ctntngaact	ggctctgatgc	360
cctgtntann	naacttntn	nctgnttggc	ctnnccntnc	tagatcaang	ganngcnnt	420
aatccnnaan	ttcatntgan	tnaagatcan	nngttctctg	tnggcacctt	tcnagnataa	480
tccccttttn	gcttgntnaa	acggaantnn	anaaggngtg	tntnnttcna	atcttattan	540
aattcttgtn	attncatttg	ctataatccc	tggagcctgg	atttctctga	anccgtaaaa	600
cngggcttct	aagcacctta	cncnnttcca	tccttgaaag	nancceccgt	nnncatncan	660
tnagnctnct	antntaant	cntattggag	accctnaana	ttccntttac	atcaaanggn	720
nggtataana	atntttcngg	nattttncag	ganctgngta	aaattnttat	tntacc	776

<210> 3431

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3431

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttctttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatat	ttgagttnt	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3432

<211> 731

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (731)
 <223> n = A,T,C or G

<400> 3432

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttctttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaatth	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aattttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatatth	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3433
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (731)
 <223> n = A,T,C or G

<400> 3433

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ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaatth	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aattttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttggaagaa	angcaaccat	agtaatatth	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3434
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 3434

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttgttt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagtttcta ctgnttattt ttcaataaaa actcangttc      660
tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

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<210> 3435

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3435

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttgggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttgttt gttntgggga acaggggtcaa aattttcatt ctgcataagg      540
taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagtttcta ctgnttattt ttcaataaaa actcangttc      660
tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

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<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3436

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tntcattcaa gtnctaangc tggctctttt gcaggatccc tcgattcgaa ttccggcacga      60
gactgctcct tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac      120
gacttgaagg tgaagtgact cctaattcct tgtcaaccag ctacaagaca gtgtcattgc      180
cattaagctc tccaaacata aagctgaatc tcactagccc taaaaggggt cagaaaagag      240
aagaanggtg gaaagaagtt gtacgaaggt caaagaaatt gtctgttcca gcctcagtgg      300
tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactgggtg      360
cccatattga tgtggataaa canaaagata agaatggcga gagaatgatc acaataaggg      420
gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg      480

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ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctcaact	cttgtnaact	cacangcaac	aaccgttata	tacgttccca	660
ccccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (722)

<223> n = A,T,C or G

<400> 3437

gngtcatnct	ttnaantttc	taatngctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgtgggt	tttgattgggt	cagattcttt	tttactagc	ggcggttttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggacctt	attatcgga	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgata	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360
tggccatcgt	tttcttcgcc	tccatagttt	ctcctggcgg	cgtgtgtcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggcttgc	ccaggtcagc	480
gagttttcct	ttgtcctggg	gagccgggcg	cgaagagcgg	gcgtcatctc	tcgggaggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gcccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaag	ggaaccntct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3438

tnnttntoca	cttggaaacc	cttttnngaa	anccccagc	nateccatcg	attcgtctctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctca	actctngacc	tcagggtgatt	180
caccacacn	agcttcccaa	agtgtctggg	ttataggcgc	gagccaccat	ggctcancct	240
catgttcgtt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacatttat	ccagggtcag	naatactnna	420
gtnatccac	ttaaangate	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnmmacac	ccctctcccc	660
ccnccccanta	ccccaanccc	ctcccannac	ccccctctcc	nccccacnct	cacctcnna	720
tcnccccacc	ccactcnncn	nncannctct	cccccccacc	ccccnncnct	acnctcctnt	780
cccatcneg						789

<210> 3439
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3439
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 gctgcacagt gggaaggcca ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
 ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaaggtacc 300
 taaggttgta ttcattccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgccatgg agctaacagc attctagggg 420
 aggaaagatg ggtcagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3440
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3440
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 ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaaggtacc 300
 taaggttgta ttcattccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgccatgg agctaacagc attctagggg 420
 aggaaagatg ggtcagctga ctttcacgat ctcagggtact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600
 cactttggga ggttgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3441
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)

<223> n = A,T,C or G

<400> 3441

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ggcacgaggg	ggcgctgacc	cggccggccc	cacacccgct	cttcctcttc	tttgccgagg	120
actccctttc	ctgcctccaa	gacctggtgt	ctcccactgt	gagcccagct	gtcccacagg	180
cagtccecat	ggacctagac	tcaccttccc	cttgccctta	tgaacctctg	ctgggcccag	240
ccccgtccc	agctcccgac	ctgcacttcc	tgctggactc	aggcctccag	ctccctgccc	300
agcgagcggc	ctcagccacc	gcctcccctt	tcttcggggc	cctgctgtca	ggcagctttg	360
cagaagccca	gatggacctg	gtgcccctgc	gaggtctgtc	gcctggtgca	gcctggcctg	420
tcttgcata	tttgcattgt	tgctgggggt	gtggggctgn	nntggggccc	gtgcccacac	480
cangcnancc	cctgtatggg	atcanaggcn	cgaagangca	ntgnangctg	ntggcanntn	540
aantactgnc	tgggctggaa	nangaactnn	taaaagtctt	ngcccnatc	caccttggnn	600
cccnannttn	nnccnntant	cnnngggntn	angtggtnnn	nnctngggac	agntcnntnt	660
ggnttgnca	tngnnccnat	gnanaacttg	ggttcannaa	ncntttccnn	atgnaancng	720
ngtc						724

<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3442

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ttcgaattcg	gcacgagcct	tccacgggta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagtcatcc	accataaaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttccc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggaggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaaanaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaacctt	ttannngngc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncc					740

<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3443

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ttcgaattcg	gcacgagcct	tccacgggta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgtaagg	gatcagaagc	agggatcaga	agcagtgggtg	180

aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtccttcc	ttggccactc	taagtcagat	agtcagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaaanaaan	nttnatgntt	nnaentacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttanngngtc	ctttttacn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggncc					740

<210> 3444

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (738)

<223> n = A,T,C or G

<400> 3444

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teccatcgat	togaattcgg	cacgagcctt	ccacggttat	ttcacagata	tggagagctg	120
gaagcagggg	gtgagtctct	gagtgttga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcc	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcataaaaa	gctgtgaagc	360
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aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnttattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnanctata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggttagtttt	ggacaant					738

<210> 3445

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (712)

<223> n = A,T,C or G

<400> 3445

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aattcggcac	gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acaggggtcaa	aatttttcatt	ctgcataagg	540

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taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagttntcta ctgnttattt ttcaataaaa actcangttc      660
tcangttagc anatcatggt cttaggaagg tagctgnana accaaaatat at                  712

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<210> 3446
<211> 836
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(836)
<223> n = A,T,C or G

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<400> 3446
ggaggggatga aaatgagccc tgggagggag gaagggacga ggaggggtgg ctgcatgtta      60
ccgtccncta cctctccac gtggaggggtg gagcagttat gaggaggaa gtcaactgct      120
gttcagcctc agaataaagg tgccgttcac tggctcagtt acctcctgtg taccggcatc      180
ttgtgttggg aatgttcccc cctncctagg gaccaaggan caccctaca aaaanagtaa      240
ntggttgggt gatactccct taagccaaan aggagctacc caacctgttc ttagggaccc      300
angttaccta caaggggtggg agagaattca atggggcccag atgttgggtg aagccccatc      360
tctggggctc angtttcttg gaanacttat actatcccta cctcctnaa ngcctgnatc      420
agactaaaat ntgtataant canngcntgg gaccctantc nanggtcttg ggaagctncc      480
ctnnccnntt ngggtncna nnagcnaaca ttnntcncaa gggcncnct tatnggnaaa      540
antgtnggnn cacattcccc ccttctccaa aggaangngg ccncgnatta acaatnngct      600
anncttttcg ccattggctn aaaanccct cccacattt ccatnatttc angnttgngc      660
nncattatct attnctttat antgnnttg tanncncttn ttnnactcaa agnnnatcnc      720
ttacctttca cnatcccnca attttncntg gctccanctg tgnncnttt nganancctc      780
nncctncttn cttncaggga ntnttanang ntnatctaaa tntgnggcnc atannt      836

```

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<210> 3447
<211> 747
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

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<400> 3447
cttacnttng ctctcgttct ttttgcagg tccctcgatt cgaattcggc acgagttcag      60
ggttggtggg tctgtggacc ttgagctagt ttttaatcaa catggaaact ccagtgatct      120
atttaaaaac ttgcattggg tcatgccagg tttattggag gttataccct ccaatgtatt      180
tccaactcag ggtaaagcc aaggctccta tgggtggaaga tggggcatat aaactggcat      240
tctggcgctc acacactcca atatctacta ctctccctc ttgctcgctc agctgtggct      300
tgcttattca gctttttgct cttcctggaa tacatcaaac atatgtaggc ccagggtttt      360
aaccatttta acaactgaac ttgtaactgc actagttctc caggtaagca gaagtattag      420
ggttatggac agtttatccg aagtaataac caggaatgcc taataaaaac atgcangtat      480
tgtggtaaaa aatagagttg gtgaacaagg agttaccttc tgactgnttc tcttttagtg      540
aagtaggagg caaggttatt agctaagagt gagatgggta ggagatgggtg taaattttaa      600
ggaaaagaat taaggtatga gatagttggc taggataatg aanttntga atgggttttg      660
gctaagtngt attaaaatcc cttttaggta atagacnatg aanttccaaa gcncactta      720
gccaacctg ggttctttct tttctttt

```

```

<210> 3448

```

<211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3448

ttnnnnntcaa cnggacnnct tttacccttc ccgttcttnt tgcaggntcc catcgattcg	60
aattcggcac gagatgttgc ccaggctggg ctcaaactct tntttntcaa gcaatactcc	120
tgccttggcc tcccaaagtg ctgggataat aggcattgagc catcatgcct ggccgaactt	180
atTTTTaaat tctttgggaa tctaaaagga ctatgtgctt tcttttttac tggattatgt	240
gagaagataa tagtttgcag agaaattcag tgaagcagct gataaaatgc tttaaaaata	300
tatttcagag aattgagcaa taacagtgat gtcaaaatag tagccccacc ttctccagcc	360
cacctaaacc aacactgagc atggacacat gcatttcttg tcatcagcca gacgaaatgg	420
agtagcaaaa atccatccta tatgtcattg agtcttataa tacagttctc ttttctctgn	480
ctattaataa aagacccac tgaatgaagc cggaattctt ttaggcaatt taaactttct	540
gaaatagagg aaagttggaa aggggcggtg gtcaaggaat atagaagtaa aaaatatttt	600
tgaggtcaaa tgcttatctg aacagattgn ctagtctgat tatttttaaa agtattatgt	660
tgatccagtg gtttaaattt gaatcaaaag taatgattta accaaagggt gtgcttccat	720
tattaacctc agaaacacta agaaaccgaa atcactttt	759

<210> 3449
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3449

ttnttncnnc tnntggaacc ctttttgcag gatcccatcg attcgaattc ggcacgagca	60
aaaagctgct gctgggcagc cccagctcgc tgagccctt ctctaagcgc atcaagctcg	120
agaaggagtt cgacctgcc ccggccgcga tgcccaacac ggagaacgtg tactcgcagt	180
ggctcgccgg ctacgcggcc tccaggcagc tcaaagatcc ctcccttagc ttcgggagact	240
ccagacaatc gccttttgcc tctcgtcgg agcagcctcc atattagtgg tccggggccg	300
ggcaggccca gctcaaaaga gggcagacgc agcagacatt gttcttcaca cacccttatt	360
cggcgtagta cccagagagc tcaagatgtg tggcagtttt cggatggaag ctcgagagcc	420
cttaagttct gagaaaattt gaagcccca ggggtggggt ggacgcgtgc cgcccagtcg	480
acgtcagcgt ggtctgtcat cctgctagtt ngtgatgttt tctgacagta gcctncaaga	540
accggttggt cgaagacaga gtctgcaga gtccctccag cctagcctgc agcgcctttt	600
tatttatatt ttttaataaa aagtaaaaca nnaaaaacag accacattg gaacagtga	660
tcattccata gagaggcccg tggaccatcg ttgtcatgag tgatgcctgg ccttttgaaa	720
ccagccnacc taattc	736

<210> 3450
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3450

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cttcttttctn tnnacgttc tttttgcagg atcccatcgg attcgggagn aactgctcac      60
tcctttttccc tcccatata aactcaaagt cccctgggcc ccaattcaga gttatgtttt      120
ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg gaggtgttct      180
gtttggggct ttttagactg ctgctgctca gctgggttgc tgaactgaca gtaggccagc      240
ctgttctctg ccattcccta gtcactctgt gcctcaccac agcttgctta gagcaagcct      300
tttctcagac cttaggcaca gcctctcctc tttacctgat caatgttaaa tgtaagcacc      360
cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata gcctgtgaaa      420
tggctagtgtg atcatttttc cacaaagaat tangtgttaa gagttttcct tcangcttta      480
cttangagaa tggactaagc tgaangtgta ctttaccagc aagagtcaac tctagaattt      540
cangatgttc cttctattgc ctcttagcca tctgtcagga aatgtaactn tggttttatt      600
ttnggctatt ccanggggta agccanaaaa tngnaatgat nattctgatt aatagcagaa      660
actttttcat cccaaattat aaggggnctg ctctttttaa aagcntctaa gctaagtcna      720
gagcttagga actgtgac                                     738

```

<210> 3451

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3451

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ttnnntnttt gaacttttta ccctgttctt ntgcaggacc catcgnttcg aattcggcac      60
gagggctctg accctgcagg actgggcagc ccagcgggtgc accatctcct accgagcccc      120
agagctcttc tctgtgcaga gtcactgtgt catcgatgag cggactgatg tctgggtccct      180
aggctgcgtg ctatatgcca tgatgtttgg ggaaggccct tatgacatgg tgttccaaaa      240
gggtgacagt gtggcccttg ctgtgcagaa ccaactcagc atcccacaaa gccccaggca      300
ttcttcagca ttgcggcagc tctgaacte gatgatgacc gtggaccgcg atcagcgtec      360
tcacattcct ctctnctca gtcagctgga ggcgctgcag ccccgagctc ctggccaaca      420
tactacccaa atctgaaaaa gcagcatgtt gagaagatgg ccccttgtgc cttggaaaga      480
ggttcccatc cctcattgga atcaccaccc attccatcca ggacttctct tacacttggg      540
ggtagccggg gtcaggacaa tcatctcagt cctgcactct ttcttctgct ttcttccctc      600
caagagcaaa acctgggcaa ggggacttac tgagtggggg tgggtggggg ttgggaaaag      660
ggaaacnnnt gggatatggn acatggntct naggcaggant gntgagctac ntancgtntt      720
gactcnaaan tnnngagca gnnnat                                     746

```

<210> 3452

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3452

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ttnntnttcc ttgaanctt tttctacann cncctttgca gatccncgt tcgaattcgg      60
cacgagagac aaagaaaagg tggcaatcat agaagagttt ntagtaggtt atgaaacctc      120

```

tctaaaaagc	tgccggttat	ttaaccccaa	tgatgatgga	aaggaggaac	caccaaccac	180
attacttttg	gtccagtact	acttggcaca	acattatgac	aaaattgggtc	agccatctat	240
tgctttggag	tacataaata	ctgctattga	aagtacacct	acattaatag	aactctttct	300
cgtgaaaagc	aaaatctata	agcatgctgg	aaatattaaa	gaagctgcaa	ggtggatgga	360
tgaggcccag	gccttggaca	cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	420
gctaaaagcc	aacctgatta	aagaagctga	agaaatgtgc	tcaaagttaa	caagggaagg	480
aacatcagcg	gtagagaatt	tgaatgaaat	gcagtgcagt	tggttccaaa	cagaatgtgc	540
ccaggcttat	aaagcaatga	attaaatttg	gtgaagcact	taagaaatgt	cattgagatt	600
gagagacttt	tataggaaat	cactgatgac	ccagtttgac	tttcatacat	actgtatgan	660
ggaanattac	ccttagnatc	ttatgggtggg	actttattta	aaaacttnca	nnaatgttcn	720
ttcgacagcc	ttccatttta	acttcnaagg	cnncangaa	ttnt		764

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 3453

ttnttcncc	tttttnaanc	ctttttgcag	gatcccatcg	attcggactg	ctggccgagc	60
ccgctgggag	tctagaaaga	gaaaatctgt	ttctagacct	cagttatttt	cccatttttg	120
gttgttttga	agcagtaaca	tttttctcag	tgacatgca	atttgggttt	tagagaagat	180
ggccaccagc	tggtttccta	gatattttta	acttttgttc	tttaatatgc	tgtccatggc	240
tgagtttatt	agtacatggg	cttagtgacc	acaaaatatt	ttattaagaa	actgtttcaa	300
aaataaattt	gcactgttca	tttttctggc	ctcgtgttcc	tccatagagc	aagggtaatc	360
ctagaaaaat	tttttttttt	ttaaattatg	caacgtaaga	tgtcctcctt	gatagaagtc	420
ttagctcctg	tgttacaagg	gagaactcat	ttgagatcag	tctgttggca	ttgcaatgaa	480
gtgctttgta	tcangaaagt	gtacactatt	gacctttttt	cctgttcaca	agctgagcca	540
tatgtacata	atctagattt	tgttttcata	gttttgcact	ttttatagcc	tatttttgaa	600
gattaacaca	tttgcaagat	gatntgactc	aatctttgcc	taatccaaat	gagtgttacc	660
agagagcttg	cntgtgacta	gaacccataa	aattcttaaa	anggggtatg	ttgataatag	720
aagggcnggg	aattttaaac	ccnggntttt	aaaaaaat			758

<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3454

tntcccttga	accncttttg	ntntcctgca	gggatcccat	cgattcgaat	tcggcacgag	60
cacctttcct	ccagttttcca	ataacacatt	cctcttttcc	acctgagacc	tcaccagaat	120
cacctttaat	gtctatatcc	ctaccaatag	tcttttttaag	gcaatatagg	ctttctctaa	180
catgcacttc	aaacttcaag	atggagggga	tgccatacaa	caggactatg	tgatgggttt	240
tggtctgtgc	cataggaagt	cacaacaggc	aagggaaaga	aaccagaacc	cagtcatgga	300
gttaagaagt	gagtcagaga	gtagatgggt	agggacagtg	aggtaaggcc	tctttctaa	360
gaagtttggc	tgaaggatag	actagctgga	cacatgctgg	ctgtgtgggg	tagagggagg	420
aatgatggan	ggtaggagag	ccttgagcct	gcgagaagag	tctctagaat	agagaagctg	480

agggttaaagt	tgtggaagac	agtgggggata	actgagtgac	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgccaa	gagcacagcc	atctttcact	600
gtcncanaga	ggtaggacaa	aacgattggt	gttcaagaat	tgggtttgta	gcacaatatt	660
ttactatgt	cctttaaaaa	agttttctccc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagaccn	tgaaaaatn				748

<210> 3455

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3455

tctcantnct	aggctcttgt	tcttttttgc	ggatccctcg	attcgaattc	ggcacgaggt	60
attcagcttg	gctggagcag	aggcaggagt	ggggaactgg	ggacagggtga	gactagaggt	120
tggcagaaac	cagccatagt	agtttttgcc	tcattttggac	aacaaggagc	catccaagag	180
agagcgggtga	agctgatggt	gacacagcca	tggcgcattg	aaataccccc	agtggctgtg	240
ttgtagggta	tattgggttg	gggagggaca	aggtcaggag	gcatagactc	gacatcatct	300
gatgtgattc	angacagaat	ggcgagcctg	aagtgaagtg	tctgtaggat	aagttggaaa	360
ggaaggaaacc	aatatgagat	attaaagaag	tgaaagctat	aggccccagt	gccttaataa	420
aggtaaggag	taagagaaga	ttcgagattg	actcccagac	tctccagtct	gctggacatg	480
ggagatggaa	tagaagttga	tctcggnntg	gtcataggag	agcagttact	gtgttgagca	540
tggatagcct	gtcgtttccc	aggagaagga	ntacagcttg	gctggaaatn	ngcaatgccn	600
annttggaga	gatccacctt	ggggtcactc	ctagggggcc	nacccttgna	ncccttgagt	660
agcaatcccc	ccagaaaanga	tncaaagggc	ttgannctna	actttaaana	ancnnt	716

<210> 3456

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3456

tttacantag	tagctctcgt	tcttttttgc	ggatccatcg	attcgaattc	ggcacgagat	60
ttgcttcgag	ggtagtgtct	tactaaaagt	taggaacaga	gacctagtgg	tgtgtccaag	120
gccgtgtcac	tttccccttc	agcacacccc	agcttctgac	ctcagagccc	aggagctgcg	180
tggacagtgt	ggggtgccag	gaggaggggc	ggtggctggt	cctcaggcac	gctgcactcc	240
cagccagaca	tggtctttcc	gtttcttaag	tagcaagtgt	aggtttcagc	tggcagttcc	300
acctgcatgt	tctctgcttc	gctgccttgg	aagggggccac	attccccatt	cctcttctcc	360
ttacagcgcc	tgctctcttt	ttcaagcagg	cggaagctg	ctgtttctca	cgtttcaggg	420
agaggggtga	gcggaggagg	acctgtgtcc	gtgccgtccg	gctccctggg	tgggaacagg	480
caagggatca	gatgcccctg	acaccacgcc	tctggcacac	canatgcctc	tgcatcctc	540
gacagcctct	tcagtgtccc	tcctgcgggtg	atgtcccttac	tgtccccagc	caaggccggg	600
gaccggtgtt	tactganga	cctgcattag	aaacattttt	taaattgttg	tncaggaaga	660
gatgtgtctt	aaaacagcat	ctttaaagct	gantgtattt	ctttgcacaa	ag	712

<210> 3457

<211> 664

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 3457

cacgagattt	tgccatgtgg	caagttgggt	tgtggagttg	ggcaggtgtg	aaagggtaaa	60
actccacttc	tgaatgctgc	ttctgcccc	tgggacccag	cacattgtta	gaccatcttc	120
ttgactgaaa	attctctct	gatgctgagc	cctgcaccac	caccttctt	ttcctaacta	180
tgaatagatg	gcaaagtcca	ctcaaaacaa	ccagttaagt	gctcacgaga	gagtagtcaa	240
gcacctccag	aaagaaaccg	ggtttttggt	cacatagcan	gaagtgactc	cctgggtggt	300
nattnatctt	ggaaacacag	gtagattggc	agaaaaacgg	gaacatgtag	gtaccgcgat	360
gttgggtgcat	gtncattact	ttgggatagg	ctttctcagt	ctttcctcaa	atgatngttg	420
agccagtttt	ccagggggca	attctgantg	acttgcgctt	gtcttatggt	gtgggtcaagg	480
gactttcana	actacngaaa	acttttactg	anacagctga	aacaagagta	taccggcntg	540
agagggaaga	tgaacactca	cctatgtacc	actcttttga	caatnaatnt	agtatttctc	600
aatcaagtc	tnnagactga	tcctgtctca	aaaaaaaagc	ctntagacta	ttattgagtc	660
cgtn						664

<210> 3458
 <211> 822
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 3458

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gnccagggag	gacttgctca	gccatggatn	cacaccgacn	gctgaggggg	cgcttggtta	120
cctnntgtac	catccctgtg	nctacatgct	tgcangagga	cggatggctt	actgnangaa	180
naagccngna	tgcantctg	natgagaaca	caggcaganc	nccctctata	gaaagcctgc	240
tttggnanac	ntnntcatan	agccgagact	ncacntacnt	cacngccttg	ngnaanatcc	300
aactcgaggn	gatctatgtc	ttacgttcct	gcaagcgccc	ntggagctgc	ccntggancca	360
gtgtgccagc	cancnagagt	gntggnnnaag	ccccncnnan	nnaccttcaa	tcatggacag	420
cacnaancgg	ntggntctgc	gcnagangtg	ctgggtaatg	agnttacgtn	caaggttngt	480
atccactaga	gcccgangta	tcatanccnc	caaccacgta	actntgggna	atnnnaatna	540
atccaaagat	ttantngaaa	ctttaattgc	gaccantngt	aagacaccnt	ggtaaatttt	600
agcccaancn	aatgaacncc	tcnngtcttt	gcaattaaaa	taaaatnact	ggcggnttta	660
nctgcccccc	antngccat	ttctnntttt	annaaaacag	gncngttttc	caaccatttn	720
cgncctttt	tcttaaatng	ttgccttggn	ccgnattntt	aaaaantcnn	natnctaaaa	780
tagcccgana	agncttttgg	ancaacnttn	taaccttggg	ng		822

<210> 3459
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 3459

ggntcttcna atgctnggct ntngttcttt ttgcaggatc cctcgattcg aattcggcac	60
gaggtcacct ccactagagg gggataaaaa ggataatagg aaatcagaat attttgattt	120
gtagtccaac tgttgatcaa ttatctttga gacttttaac attcatgact aaggaggatt	180
aataattaac atgagctgta gaattaaggt ttgtatggca tgataagtat aaaccagttt	240
tgggaccgct ataattctaa aaaagcaggt agactagatg attagttgta cacttattac	300
tgctaattct tgattgtaga acaaattttc ctatgaaaac catgttggtg attttatatc	360
tctattagtt cgttaaaagt ttancagttt tagatgtcga accagtaaaa aacaagttgc	420
ccattctatc atttttttta ttgtggtaaa atatatttaa gataaaattt acgattttta	480
ccatcttaag tgtacattgg tacagtggca ttggttacgt tcacaatggt gtacaactgt	540
catccctatc tatttccaaa gctttttcat caccacaaca gctctatacc cactaacaac	600
aactccacat caccactcc ccagccctgg ttatctctgn tctactttct gcctctatga	660
attcggatat tccagttggn ncatataagn nggactcata taatatnngc ccttt	715

<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

tcttttctaa tgcttggtc tcgttctttc tgcaggatcc catcgattcg tcaccatggt	60
gcccaggcta gtcttgaact cctgggctcg aatgatcctc ccaccttggc ctcccaaagt	120
gctgggatta taggcgtaag ccactgtgtc tggcctagtg tatgattatg catgagtcac	180
gcaatgttct ggtcctggat tccaggagta gaggacctag ctttaaataca attagtttca	240
gctaaactga ctagaaccag gtcaaaagtgt aattctccct ccagctcccc caaaactaga	300
gttgggggga actggaggga gcaaaacact gatttgatac tagtcagttt gcttgaaact	360
agttcaccta aagctagatc tcttaaaacc aatttactga aaacttgttt gcttaaagtt	420
aatgacttaa tgactaattt gccaaaagct caattcctat tttgggtgtg ttatatccat	480
ttaggtgtcc tattcttttt tgtcatgctt tggatatttc aaggatttat atctattcat	540
ccaagagtac ttctgagcta ttatcagcaa cataaattta tcaaatttgc agcactttgt	600
aaaatgatga gaatgcttcc tacctttatg gatgtctntt tctatgggat ctaccattca	660
aaaacttttt taaaaagttt aaaagttcta gcaataaaat ccaattggta cagacatttt	720
gggtatcatt ttttggttct taanccann	749

<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

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tttctgcaat tacatgggtt tcccagctgt tttgcgcggc cttggagcac ccacagaggc	180
ggnccctgct ggcangctat gccctgggtg tgggactctt cctgcttctg ctccagcccc	240

tnacggaccc	caagctctac	ggcagccttc	ccntttgtgt	gcttttggag	cgggcagggg	300
actcagaggc	tccccctgtgc	tcctgaccta	tgctcctgga	tacgctatga	actctcaccg	360
gctccccagc	cctncccanc	aaggggtact	gccanggnna	agnggcttgg	cctnggggtcc	420
ccccanaatc	tcanggaatt	tattgnanng	ggganntgna	agccngaagc	tantctacnt	480
tccccagggg	acccaannag	caanagtaag	cnn cattttt	cnnaaanggg	tgcnncccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgnacggmng	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttcnatn	ctttaanttt	ccctctnncc	attnctcnaa	720
aatanaacctt	ctttncagng	gcttnnntnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacctt	atnccctncg	ggnccttttc	nacacntant	840
tgncacttct	ctatatgcga	actacanant	taaccatttt	tggacanatc	tcggnngana	900
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<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3462

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actttgttac	atcaaaatat	gttgtctagt	aaaaagtga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtctgctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagtgtc	atgattccat	gaagcttttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtc	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3463

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ttaggagtta	gaattttatt	ctttggtagt	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttgggaacc	tatagtttgg	gactggagga	agacagggtc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtg	aaacaactaa	360
atthttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420

gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatatTTTT	tgaagttccc	tacctggta	attttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3464

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ntagacaggg	tttcgccc	gttggtcagg	ctgggtctca	actctngacc	tcaggtgatt	180
caccacactn	agcttcccaa	agtgtcggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcgtt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naataactna	420
gtntaccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatcengatt	540
actcnntaac	atagcctctc	nccttancgt	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaagtt	canaagttta	nnnnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	ccctctccc	ncccacnct	cacctcnna	720
tcnccacc	ccactenncn	nnccnccct	ccccccacc	ccccnnct	acnctcct	780
cccatcncg						789

<210> 3465

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3465

ttncctccnc	ttaatccatt	ccttnagcct	tnntgcagat	cccatcgatt	cgcttttctg	60
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ctcaggcttg	ccacagangc	ctcccagggc	tctcggccag	tcagcctcag	aatgagagtt	180
acaccactgg	cttccttggg	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
tgggccagtt	cgcctaataa	atccccctctc	ctggccgggc	gcggtagctc	tccccgttaa	360
tctcagcatt	ttgggaggca	gaggtaggtg	gatcacctga	ggtcaggagt	tcaagaccag	420
cctggccaac	atggtgagac	ccccgtctct	actaaaagta	caaaaagtaa	ctgggtgtgg	480
tgctgggtgc	ctgtaatccc	agctactcng	gaggctgaag	cangagaata	cttcgacctg	540
ggaggtanag	gttgcatga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaca	anatnaaaat	ccctctccaa	aaaaaaanac	cnctcccaag	660
tttaacccat	tcanntccnt	taccaannga	ancntctatt	nancaaaaana	tcnnnccncc	720

tnccccncca cccccnngng tcnttaatcc cnanncc

757

<210> 3466
 <211> 780
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3466
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 ggcttctgga ttgtttcact gtgattccta ggttttttcg atgccacgca gtgtgtgctt 180
 ttgtgtatgg aagcaagtgt gggatgggtc tttgcctttc tgggtaggga gctgtctaata 240
 ccaagtccca ggcttttggc agcttctctg caaccacccg tgggtcctgg ttgggagtgg 300
 ggaggggtcag gttggggaaa gatggggtag agtgtagatg gcttgggttcc agaggtaggg 360
 gggccagggc tgctgccatc ctggcctggg ggagggtggg gagctgtagg agagctagtg 420
 agtcgagact tanaagaatg gggccacata ncancanagg actgttgtaa gggagggagg 480
 ggtanggaca gaagctagac ccaatctcct ttgggatgtg ggcngggang gaaacacgct 540
 tgganggtta atttaccac nnaatgtgat antnataggg ganggaagct gctgtgggtt 600
 taactcctgg gttgncttgt tgggtagaca gntnggggaa aaaggccctt tgaattcatt 660
 gtaagcncaa gtcccaactt ngccctgac tccctgccng gnggtattng gggaaacttt 720
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<210> 3467
 <211> 741
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3467
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 ctttcaaaga taaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
 aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
 agcacattta cagggaacat tttcagcatg tggcagcacc ttacatagca aaggcaggag 300
 aaaaatcact caatgggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
 actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
 aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
 ttccccgac caaacccttg atgctaattg ctnccaaacc tcaagacaag aagagcatgg 540
 gactcccacc aaggatcggt tcccttgctt ctggaaatgt ncggtcttta ccatcacagc 600
 agatgggtgaa tcgactctca ataccaaaag cctaacttaa attctacagg agtcaacatg 660
 gatgtcccag tggtctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
 aaaaaaaaaac ntcgagccct n 741

<210> 3468
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3468
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 aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
 ctttcaaaga taaaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
 aagctgttta ttactgtaag aagtgcactt accgagatcc tttttatgaa atagttagga 240
 agcacattta caggggaacat tttcagcatg tggcagcacc ttacatagca aaggcaggag 300
 aaaaatcact caatggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
 actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
 aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
 tcccccgatc caaaccttg atgctaattg ctnccaaacc tcaagacaag aagagcatgg 540
 gactcccacc aaggatcggg tcccttgctt ctggaaatgt ncggctctta ccatcacagc 600
 agatggtgaa tcgactctca ataccaaaag cctaacttaa attctacagg agtcaacatg 660
 gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
 aaaaaaaaaa ntcgagccct n 741

<210> 3469
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3469
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 tctgaacact aaacattgct aagaaaccca cccaccacca ggatatttgg aagtaacttc 120
 acatatggaa aagttaaaga ctgagctctt gagaaaacaa ttggactgat gcgaatgcag 180
 ttttggaana aaactgtgga agatatatac tgtgacaatc caccacatca gcctgtggcc 240
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 gtcgatgana gagaaaaaaa tctggatgac aaagcatatc gtaatatcan ggaactggaa 360
 aattatgctg aaaacacaca gagctctctt ctttacttaa cactagaaat attgggtata 420
 aaggatcttt catgccacat catgcttgca cgtcattatt gnaanaagcc ccnaangcat 480
 ttgtccacct gcntngaagc gncaacaccc ntnttccttg gggaagcctt tnnncaaaaa 540
 ggengttccc ntttctccat ggnnttntt ntcnnttg cctncnttn ggccgatttn 600
 cactnacnna angnaccttc nntttctctg nnatggatat cccaangnc ttttnnaccn 660
 nctcgnaccc acnanctggn taantctnac atctgcaccc nttctggccn cntcttccct 720
 cggntcacct anctccggan ccaccnatct cctncccat tggctctctg aggnctcnct 780
 ctnttnnctc tctcacatna tntantntng cnnccctt ntncgtnta aatanntcca 840
 tntctctcn cccngntat 860

<210> 3470
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3470

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ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaaag	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcnggnn	aannnatcac	tcaatggggc	ntgtnncnn	tangctctct	360
atnttctntc	cnntanncnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	natchanaty	nactcatatn	480
tttcacncnc	cctgccttat	tcacacacac	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnnnt	nennntttnt	ntntcgatat	ctctnnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tentctantc	720
acancagatc	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnate	cnnctatntc	gcattnnatnc	actcactcnt	tcnatnctta	840
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atcnnctcnc	tgcntttntn	cactntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgtcn	tntacctctc	tattnttntc	tgacacanat	ctcctctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcactc	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tentctctct	acancnttca	catctctctc	1140
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<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3471

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tctcacctaa	aggctaatag	ttttaagtaa	gtttcttttt	ctttttttta	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaatt	attaattatt	tttaatatag	240
aggatcttgc	tatgctgtcc	aggctggtct	tgaactcctg	gtctcaagtg	atcctcctgc	300
cttgccctcc	caaagtgtct	gtattacagg	tgtgagtcac	tgacactggc	caagtttatt	360
ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
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cactttcttt	ttttgngagg	aaattctgtg	ttgacatact	ctttaatttc	tttttacctt	540
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acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggctttt	660
ccatcgatt	ttgatnaaaa	taatccatgc	ttcatggtac	cttagagatg	ggatatttta	720
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<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3472

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actttgttac atcaaaatat gttgtctagt aaaaagttga tattcagtag aacaaggatc      180
atgtaaataa acatctatct cacatgtacc caaaagcatt taaaaagcag aatccagggc      240
ccagagcatg agccagggag gaggatgttt ttcttctttt ctctattttt ccctaaattg      300
tgcaaacata ggtgagtctc ttaacctttc tgtgcctcag tttttctacc tctaaagggg      360
tgggatgggt cttcaaattg tttctaaaac accggcactt tcagcagtggt tctgggtggc      420
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agcaaaggaa gtgctgggtg taaaagtgtc atgattccat gaagctttag ttttctttt      600
tttggtttta aaagaaaggg ttttatatgt tctattgnaa aatatggaaa ttaaacaggg      660
acttcaagaa agccgcacag aaagatcacc ttctgatggn gtgatgggtgc tctgacatt      720
cnggccgang tctgnattct gaaaaaagan                                     750

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<210> 3473

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3473

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catcaaaata tggtgtctag taaaagttg atattcagta gaacaaggat catgtaaata      180
aacatctatt tcacatgtac ccaaaagcat taaaaagca gaatccaggg ccagagcat      240
gagccagggg ggaggatgtt ttcttctttt tctctatatt tcctaaatt gtgcaaacat      300
angtgagtct cttaaccttt ctgngcctca gttttctac ctctaaaggg gtgggatggn      360
tcttcaaan gnttctaaaa caccggcact ttcagcagtg ttcnggtggc ctgagatgag      420
agcccggtgt cagaagtgcc tgggagtggc cactgggaa actccgcttg cacngacct      480
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aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctccnc      600
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cgcaccaggg nnaacngnaa tttccccct tncnggnat gggctcngtc ggaaatgcng      780
ccttncctcn ggaaccantt ctggggcccc naannggttn nnggccnatt tcnctggna      840
aaaaann                                           847

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<210> 3474

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3474

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tcattcacat tctcacgtg caacaacata attatatatt aagaaaatgt aactttgtta      120
catcaaaata tggtgtctag taaaagttg atattcagta gaacaaggat catgtaaata      180

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aacatctatt tcacatgtac ccaaaagcat ttaaaaagca gaatccaggg cccagagcat      240
gagccagga ggaggatgtt tttcttcttt tctctatatt tccctaaatt gtgcaaacat      300
angtgagtct cttaaccttt ctgngcctca gtttttctac ctctaaaggg gtgggatggn      360
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agcccggtgt cagaagtgcc tgggagtggc ccactgggaa actccgcttg cacngacct      480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg      540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctcccnc      600
ttcttttttg nnttttaaaaa aanaaaaagg ggtntnttat cantggntcc nmntttcggn      660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc      720
cgcacccagg nnaacngnaa tttccccctt tncnggnat gggctcngtc ggaaatgcng      780
ccttnctcn ggaaccantt ctcgggcccc naannggtnn nnggcnatt tcnctggna      840
aaaaann                                           847

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<210> 3475

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (694)

<223> n = A,T,C or G

<400> 3475

```

gttacgctac tgggtgttcaa ttattagttt gtaccatttt taatttatgt cagttgatgc      60
atctgaaaat aagtgtctgg agtggtcgta ccttattttt ttttaagatt cctagaagga      120
atcttnggtt aattcagatt gagcanttaa agtttttgct atttaccttt gtgcaggctg      180
gcatatgcta atttgggggt ggtaaccaac cgattttatc tcatgtaagc attacatttt      240
gaagactgaa tatacttcac agcagatcaa acacatttat ggcattgcact gacctcttct      300
tgagagccag aactttatag agttgcctac cagggtttac tgnatggaa tttatgatct      360
taagaaatta ctagtgtcat tatttatccc tatgattcat tcattcaatn aagcnnntac      420
tgcataaact ttacatccng cactgtagct taagtncccc aaaaattgaa tngnanntaa      480
ttgngctntt cganaattgc ccaacgcnnn gccagggcca ccggtggntt naccgcctgt      540
nggtccccag cnttnctcgg ggaangccn agcctnccg ganccccnag ttcnnnaaaa      600
tccagacent ccttgntaa cncctgtcaa aaccccggtc tnttanta aaatncanaag      660
atttanentn ggccttggtt ggcnccccc cncn                                           694

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<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3476

```

tctttnttn ccttttcgnt cntgttcttt ttgcaggatc ccatcgattc gttcaccatc      60
tatgtcctct ggacgtgggt ctccctccgc taccactgcc agctgtactc cgagtggaga      120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccag      180
cattctccac tggcagctgg actcctgaag aaggtggcag aggagacacc agtatgaatg      240
ctgggtctct cggaccctgc agcagagagg ccagaggtag ctgggtgata cctgtcctgt      300
ggaaggactt ccacttcaac acttccactt caacagttcc cgcacggcct gaacgcttct      360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg      420
ttttttttt tttttgcata tggaggacag gtggacatgg tctgagctc tggacggagc      480

```

angcaccctg	atctcattct	gaggtccaca	tggcaccttc	tgggccagca	gctgtggccc	540
ngtgtatcaa	agggcgcccc	ttaaagctgg	aacattccac	aagcttcttg	cgctttnttg	600
caccnngcag	gcccactttc	ctggcaccct	cgantttata	taaaaagttg	ccctgcgttt	660
naaaaaaccc	accccctgaa	tgaattaaaa	nggagcccct	ggcttggaag	aaanaaaaac	720
atctnnncnt	nnntatcnen	naaaananaa	ccnnnggcct			760

<210> 3477

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3477

tntctatttn	tttccaance	tttgetactt	gtctntttgc	aggacccatc	gattcgctgg	60
aaacctttac	cagaaagtga	cgggcaagga	ctgagatacg	agggcctgat	gggcaaacc	120
agcatectca	cttaccagta	tgccgaggac	ctgatcaggc	gacaggcgga	gaggcggggc	180
tgggcgcgcc	ccatccggaa	gctctatgct	gtgggtgata	accctatgtc	tgacgtatac	240
ggcgccaacc	tgttccacca	gtacctgcag	aaggcaacgc	atgatggggc	gccagaacta	300
ggggccgggg	gcacacggca	gcaacagccc	tcagcaagcc	agagctgcat	ctccatcctg	360
gtgtgtacag	gcgtctacaa	tcccaggaac	ccacagtcca	cggagcctgt	ccttggagga	420
ngggagcctc	cattccacgg	ncaccgagac	ttatgcttca	ntagggactt	tgaaatgggg	480
gaggcagtgt	ggaatactgt	ggatgtctgt	gcagagcctt	tgccggcact	gaaggcatgc	540
agcctgtcgg	cagagtgtct	taacaccag	atgcctactt	tttactgnat	ngtagtttat	600
tgcccgagga	tgttggggct	ttttttttta	aataaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncca	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 3478

tgttttgttt	ttgaaccctt	tttggnantc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaantt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctntn	cnntannenc	tgccancnnn	cttnnnnatn	nctnnnnntt	ntcncnnc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nacnanaatg	nactcatatn	480
tttcaancnc	cctgccttat	tcatacaan	nnnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	nennntttnt	ntntegatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanacgatc	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnnttca	ctnnccnatc	cnntctatntc	gcattnnatnc	actcactent	tcnatnctta	840

tntntnncnc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnmctcnc	tgetntntn	cactntctcn	tntcaacntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgtcn	tntacctctc	tattntntntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	egtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancntntca	catctctctc	1140
tacctctcca	cgctntatac	atatacctcc	tncactcctc	tnanngtnnt	t	1191

<210> 3479

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A, T, C or G

<400> 3479

gnntttannc	nnttgaaanc	cncnngctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcctgcc	agaatggaag	catacagatc	tgggaccgaa	atttgactgt	120
tcatectaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgcgtgac	180
ttntttctta	tgatggtaaa	tgtnccctgc	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tggggtcttn	ccaccatggt	300
cccaatgact	gactgctgtt	tcagtcana	tgataagctc	atagtcactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttgttt	tctttgagcg	tangactttc	caaaggggtg	420
atgaaataga	catcacagat	gcnantgttg	ttcgtctgct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tgggtaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aaggaacagc	tggagaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggcccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A, T, C or G

<400> 3480

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
taactaagat	ggtttctactg	gtgaattcaa	tcaaatattt	aaggaacaca	taataccaaa	120
accataacac	atncaaatnt	atggcccttc	agattttgtg	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatatcccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaaggaa	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgctcctcgc	tgagattgct	ttgtttccca	taaagattgc	540
ttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tgggtcaagc	tctgnttggtg	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnttacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggncacccc	nactng					737

<210> 3481
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3481
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 gattcgaaaca tatgcagtta ttccactaaa tgatgaatgt gggattattg aatgggtgaa 120
 caacactgct ggnttganac cctantctgg ccnaactatt ttaagaaaan gggngtggtt 180
 tttgaacagg aaaagaacct tcgcccgggtg gtatgcctcc aaangcagca actttatctg 240
 gaaaactcaa angtattccg agaatttctt ctgnccaggc atcctcctat ttttcatgan 300
 tggttttctga gaacattccc tgatcctaca tcatgggtcag tagtagatca gcttactgcc 360
 gttccactgc agtaatgtca atgggttggtt atattctggg gcttggagac cgtcatggtg 420
 aaaatattct ctttgattct ttgactgggtg aatgcgtaca tgtagatttc aattgncttt 480
 tcaataaggg agaaaccttt gaaagttcca gaaattgngc catttcgcct gactcataat 540
 atgggtaatg gaatgggtcc tatgggaaca ganggtcttt ttcgaaaaca tgtgaaagta 600
 caatgangct gatgcctgat cancgagagc ctttaatgag tgncttaaag acttttctca 660
 tgaaccntt ggggaatggg gtaaacctat naangggcnt tccaaacgcc ccttgaatga 720
 aacctggaaa aattgncaat gaaaaggcca aancnttnt 760

<210> 3482
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3482
 tatnnataca agctacttgt tcttttttgc ggatcccatc gattcgcaca gttctgcatg 60
 gctggggagg cctcacaatc atgggtggaag gcaaggaggt gcaaaaccat gtcttcacat 120
 atgggcaagg caggaaaaac cntgtccagg ggaacctcca nttattaaac cnntcaaaact 180
 tcattgaaga attaatcact taccacgaga accagattgg gggaaccatt cccatgaatc 240
 aattattctg cacctggccc caaccttgac acgtgggaat tattcaatgc cagggtgaga 300
 ttgggtgggg acccatccaa ctatgtcaag tatgttttga cttctggctt gattgctang 360
 tttgcataga ngacaaacat ggaaattaat gaagtacctt aatatctggc ttcagatctt 420
 agacaggatc aganggccag ctcaaatttg caaggagggg aggtagatcc caccatttta 480
 tgggctatgg caaaatcaaa cagaaattat gtgggatggg agatctgatg cangcatctt 540
 tggaaacatc tacttagcta attttatgct aggccttagg tcaagaagga gagaaaaagc 600
 tgcattgctgt ggtacacact tattgtccca ncgacttggn aaactnangc aggangattg 660
 cttgatccca agaatttgan gtaatgtgcc aagaaccgtc ttgngaatag ccctaccctt 720
 gaactcaact tgggcaacat tganaaaccc tn 752

<210> 3483
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3483
 gnnnnnttnn nnnttttaan ccttttagcta cttgtttcttt ttgcaggatc ccatcgattc 60
 gaattcggca cgagaggcgt ccttgcggaaggaggcatttt agctgaggct ttggagtacg 120
 aataggagct cagcaggcag acgaaatgaa ggaantaaag gtcagaagaa aggtcagaag 180
 cttgagtac gtttttgaaa tccaccccggt tttatttggt agaacttggg ggttcaaaaag 240
 ggccagggtgc ctcagaattt gaggccca cagtgagggtc tgggtggggtt gaaagggacc 300
 caggaaccga ggcgttcagg aaagcagggtt gtcagagcta tgtggagtct gtgggtggca 360
 ngggcaaccg ctccagcctt tgaagacttt gaaagccaga gattcctgcg cangcttgga 420
 cttcctggga gctcctccaa gtacccaagg gcatcagagc tgcttgggtg ttacatggcc 480
 caaggaacc aggttcangg taggacaggc aagaccagat cccaatgtgc aaagtgaana 540
 cactgggctc ctgttaaacy atgaagaatt caagacagt acagcattac gtcacccctg 600
 gggacaaang tcaacctaa gtgacacacg gggactactg tgctttcgga ngctnctgt 660
 gtctggagg anaaaagctt tanagggggc aactggacaa cttccacttg caaaattcca 720
 accttgcttg ggcaaggnc cngnctggga ctnaacatt ttgatatgcc ttaaaaatta 780
 ttt 783

<210> 3484
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3484
 tacangctct tgtttttttt gcaggatccc atogattcga attcggcacg aggggaaccat 60
 gagaaccgaa gctagaattg ctattgaatt actttatttt ctcttcttta ttgggtagag 120
 atacatcatt actggcctca ggggtttacc caaagaaagg gtatttttga gcaataaatg 180
 tgatttctct gctattttgt tgggggctta agattttttt ttttcaaatg catttttagt 240
 cactaaaaat taactgtcgt accatctaga actatactgt ccagtaccat agcctctagc 300
 cgtatgtagc tatttgtatt aagattaatt gaaattttta atccagttcc tcagtcacac 360
 tagccacttt ctaagtgtc agtagctctg tgtgaccagc ggctactgta ttggatatta 420
 tagaagggtt tttcattcaa gatcatcatt cttgacagac ccataaatat ttctataaaa 480
 gactgtagaa gtgtgttctg gaggggttgc tctccaaaaa gaattgtaat atagagtaga 540
 attgggatag agtattgaag aactgggtt tagacattgg atattttaat gattggngng 600
 tctaactatg tgctgcaact gagttatcta gngatatgac ctctgcttg ccaaagccng 660
 aattnaagca ggattcctga atctatctta aaattgcaat gaaaacctt tccctaaaat 720
 atcccttttg taa 733

<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3485

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gnnnnnnnnnt ttngnnntna tgaaaacccc tttaatgaaa ccctttttga anccttatga      60
ancccttngc  tgcaggatcc catcgattcg gcagcgcacc aggtgggtttt aggagaaaac      120
ttgatagcca cagccctttg tctttctggc agtgggtctc agtctgattt gaaggatgtg      180
ggccagcaca gcaggagagg agggggacac aagccttcgg gaagagcctc catccagtca      240
ctcggtctct taaggcaggg tgccatacta agcagcttgc ctccaggaat tgctctgaag      300
agaaatcccc acaaacctcc atcctaaagg aaggtaacag gggacacaag cttggatttc      360
cgacctgtag tgtctccagc aaatgggggt gaaggagtcc cgagtggatc aggatgatga      420
tcaagatagc tcttctgtaa gctttctcag aacattgctg tcagactgac ttaagacag      480
ctgattcaga ggtaaacaca gatcaagata ttgaaaagaa tttggataaa atgatgacag      540
agagaaccct gttgaaagag cgttaccagg angtcctgga caaacagang caagtgggag      600
aatcagcttc caagtgaat taaagcactt cagcaaagga gagaaganga aatgaagaat      660
cccaggagat attaaaggct atcaggatgt gacaattaaa ccgggaagaa acaaagaaga      720
agattgagaa agagaanaag gagtttttgc aaaagganca ggactgaaaag ctgaaatgaa      780
aaactttttg aaaaggccaa aggtan                                     806

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<210> 3486

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 3486

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gnnttttnann nnnnttttat nnatacaagc tacttgttct ttttgcagga tcccatcgat      60
tcgaattcgg  cacgaggcat aacgaacctc accctcagag gtttaccaag attcaaaaaca      120
cgaaactgac  catgaaaccg ggacgggcat ttgggtcaag tgcgggtnc agtctttggg      180
aaggtggtct tcgggcaacc cacttctttc aaccaatttt cacaagtggg aacaattggg      240
gcgggccttc cgtcgtgggc ccccttcggg ggcttgacac taatgggaca gaagctctcg      300
gtgcccga aa gattgcctgc caganggact tgaccacagc ctggctggca actgctctgt      360
ggaggacctc caggactgag actgggctct ggtttccaag ggtcttcaact agggccctta      420
ctacacctgg aagtttcaga acccactttg gggggcctcc tgcttgggca ggctcttcaa      480
gtgtggccct ctttggagtc aacctnctt tccgaccccc ttcccttagc ccagccccag      540
tcaactgtcan ggtcgggcca acccctgcac tgcttgc an tgggctgg gctaggtcac      600
ttcacctntc tggcctaatt tcccccttg agtccttaag gcttgggaagg tgggaagtat      660
gtctangggg caatgtcttt ttcangggga attctaactn ttgggaaccc ccttgttcca      720
aggggaagggn aacctttttc attcaacatt gtaggggcna agctttgtgc gccccctgtt      780
aggancaaac cn                                     792

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<210> 3487

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3487

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tcccttgggn nnnnnnnnnn ttnnannata nagctcttgt tctttttgca ggacccatcg      60
attcgaattc  ggcacgagga aaacatctaa ctaagatggt ttcactggtg aattcaatca      120
aatattttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga      180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt      240

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tttttttggt	agagataggg	ttttgccatg	ttgttggtag	caagccctaa	cctgtcata	300
aacaggcctt	aaataaactg	gccataaaca	ggatttctgc	agcaatggga	catgctcatg	360
atggctgtca	tgcacactgc	gaaaagtgtg	tggtttaactg	gagcagggca	aggaacacct	420
ggccccgccc	ggagcaaaaa	actgctcaaa	ccacaaacga	tagcaggaaa	ggcctgtgcc	480
ttggcagcat	gtttttgctg	cagataatca	gccagagcct	gtttctctgc	tcctcgctga	540
gattgctttg	tttcccataa	agattgcttt	tagctaatact	acaatctata	gaagcaatgc	600
ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaa	aaaaaaaaann	nnnnnnnncc	tcgagcctnt	aaaactatag	ngagtcgnt	720
tacgtanatic	cagacatgat	aaganccatt	ggtaggtttg			760

<210> 3488

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3488

gnnnntntnnn	nnntntnatn	gcctnaagct	acttggttctt	tttgcaggga	tcccatcgat	60
tcgaattcgg	cacgaggctc	aggcttcctt	ctgatggcca	acccaccttt	aatgctggcc	120
agtctatctc	acacaaaagt	ctaagttttc	cagggtgcat	agtaactcca	tagtctcctt	180
aaatcccttt	ttgaaatttt	tcaacatagt	tcctagtggg	atgggcttac	tttgtgcctg	240
acccatgttt	tctcaagaca	aaacaccatg	gcaggaacag	ccacttgcat	ctgggtcccg	300
tgccacactg	cgggtgcttg	tgtggttgtg	gagcctgtcc	ctgcgcgcct	tgctcccgtt	360
gagccacgct	gtctggtggg	tgattctctg	cctgagccac	caccctggac	tgccagctct	420
ccagagctgg	cacaccctgc	tgttttctct	ttttagacac	aacagccgca	gtttggcagc	480
cactaagtcc	caccagctga	ggcccgagga	aagcgggggtg	actcatttcc	cttgctcagg	540
cccagaggaga	gtgagggtgc	cagcctgcaa	agctattcca	gctncttggt	gttggttgca	600
ataaattggg	atttaacaaa	caaaaaaaaaa	aaannnaaaa	aaaaaaaaact	cgacctntaa	660
actatagtga	gtcgattact	anatccagac	atgataagat	ncatgatgat	ttggacaacc	720
cacttgaatg	ccntgaaaaa	atgtttnttt	nn			752

<210> 3489

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3489

cgtntttttn	nnccnannga	aagcccttgg	ctacttgntc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggat	cagcccacct	cggcctcaca	aagtgnctgg	attacaggcg	120
tgagccacct	tgcccaccca	catcatcacg	ttgaaatgaa	actttgccac	aaccagcctt	180
tgctgtacac	acacatatat	cactgaacct	ggttgaaata	aagntttttt	tctttttcct	240
ctgggtattct	gggttctgaa	gtctggtatt	ctgggtattct	gggttcaaaa	gtatgacttg	300
agagtgttgc	tctggtattc	tgagagttgc	tctgtattct	gggttctgaa	gattatttga	360
aaaataaactc	ctactacatt	gaaatgcaga	cttaaaaaatt	taaacattgg	attaggcagt	420
caaaaaaacc	aagcaagcat	aaaagggtcaa	taagttgtaa	tcttgatagt	aaagggtggaa	480
aacttattat	aatggaaag	aaagtttatt	tcctttttttg	gttgatgggc	agtatgccat	540
attataccca	aagttctttt	aaaaaatatt	tccatcacca	tttttattta	aaataaacat	600

ttgaggggaag taccaaggca gctttttttcc tcaaaagtac ctggctctct ttgggaatag	660
cacattttan gggcattggg taatcctgag attttactca ntaaatcctg atgggtactgg	720
gtgtaaaata tcttttagtng gattgaaggc cttgnggggg a	761

<210> 3490
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (805)
 <223> n = A,T,C or G

<400> 3490	
gnnnnnnnnn nnnnnntttt gaaannccctt tnttnnnnnn ngnnntttann cnnttgaana	60
cnaagctac ttgttctttt tgcagatccc atcgattcga attcggcacg aggcaaggcg	120
ccgggggaca cgttggctgc gttttcggcg ggcttcggg tcaaaaatgg ctggggcttg	180
cgaattctnc tgggctactn cgtaggcana anggccantt tgggccccga agttctgggn	240
gtcgaaattc ggccggacgg gaagcttang atatccacca ccacaaattc caaaaatgat	300
gtgatgatca gaaaaagaag cttatgtgcc caagaatgta atgggaaaga actgaagaga	360
attattgatg acagtgaat taaaaagaa gatgatgctt tgtggcctcc cctgataggg	420
gttggcccgga caggagcttg aaattgtaat tggagatgag cacatatctt ttaccacatc	480
aaaaataggt tctcttattg atgtaaatca gtcaaaggat cctgaagcct tcgagtattt	540
tactatttgg tcaagacttg aaatgtttag ttttcaatct tattggatta cacttcaaga	600
ttaaaccaat ttaaattgna tgttttcang ctggttgnat atttaattaa gggatgggaa	660
gggttatttg gcatttacag tattgggggt tttatgaatg tgaagcaaac aaaaaaatt	720
tgtatgtaa ctggaaatta ggaaaatccn ttaccaagct taatgggtat ccttacttga	780
gtccacatgg gttggcagtc cccan	805

<210> 3491
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (805)
 <223> n = A,T,C or G

<400> 3491	
gnnttttaaan cntttttnt nnnanacagg ctacttggtc tttttgcagg atcccatcga	60
ttcgaattcg gcacgaggcc tgggaaagcg tggcgcccat gaatatccgc aggagcacgc	120
atgacctggt gggccatgga cgggatgggt tgtaccccg tgggggtaaa cgaacgggta	180
gcttncaacc ttcaacttcc attcgangaa agtaciaaac ccgangganc aacaaagtgg	240
ggtgggcccgc attcctggca ttgtttcaac ccgggcgcaa gcaagtgtgg ggttgtgggc	300
gggtgcttgg aagctgcttc aatttccccg nccgncatcc tccccgaag cttgtcccg	360
ggcctccac caagcctctt gaccaccta ccaccagaag ccttgcagcc ttccacatgc	420
cttaaggggg accgtggccc ccaccagggg acgtcctgcg ccacccgttc acgtctcttg	480
catcattcct tcatgtcttt atttagttgn ttatttattt aagttattta tcttattgag	540
aggtgaggag tgccacggct gcccgtttac acctttagcg tctggctctn ctgcgtgtcc	600
tcccttcaact ggctgcatgg gggggccggg gagtgacaag cnggggcctt accggcccaa	660
ggcccggtgc ctgctnaaac cttgcangct gtggagcaag aggcctgggt ctttcnaaca	720
ctgcagaccc acttgaattt gcacatgcgg ggtcccggga aggtggggaa caagtgtcct	780
tctgtcgtcn nnttgccgng tgcca	805

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (795)
 <223> n = A,T,C or G

<400> 3492

ggctactngn nngtntttgn angcnntttt nantatacag ctacttggtc tttttgcagg	60
atcccatcga ttcgaattcg gcacgaggna atgacattca tgccagttct tccctgaatg	120
gcagaagcac tgaagaagta aagcccatg gtgaaaacct ggggccaaac tgggaaatct	180
gntggttgnc tccccccang ntttaaagga gatcaatgtg gaaanggtan cnggattcaa	240
catttggnca agccgattca agaacagtga aagttattgn ggatcttatg ggaccaatgt	300
gggccaaagaa gaagtctttt agacagcttt acgtccaaca atggggacca tttcaagtat	360
tacttgggtg ggcattccag tcaacccatg gaaaattctg gatttcgtga agatattcaa	420
gtacctcctg gaaatggcaa cattgggaat atgcaggtgg ttgcagttga aggaaaaggt	480
gaagtcaagc atggaggaga agatggcagg aataacagcg gagcaccaca ccgggagAAC	540
caggcggaga aactgacgaa ttctctaata ttagaagang aaagangaca taggatgcaa	600
cactttgagc gaaggaacca agggccggca ggtgggaant ggangtgatn ggganccctt	660
gggcttcgac cagaaggtcc cgangcagcc tcaatgacca natcgctcgt tgctgatgaa	720
actgcaggag gacatgcnaa atgtccttta aagactgcag aaactggnaa ccctactgnt	780
tttcaggcna aaaaa	795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (734)
 <223> n = A,T,C or G

<400> 3493

gcttgnetnc tnccttttca aatngctnng ctactngttc tttntgcagg atcccatcga	60
ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa	120
ttaggagtta gaattttatt ctttgggtact aaggaatcat tgaagatttt aaaattaggg	180
ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacaggtgc	240
cagacaccag ttaaaaagct gttattttct aagcagtaga caaaggttta cactgacaat	300
agctgtggag atagagaaaa gctgcgagat ttcagagttt tccaagggtgt aaacaactaa	360
atcttgatgat caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg	420
gttgagttgg tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag	480
gattgttcat tttgtctttt gtttgtttnt ggggaacagg gtcaaaatgt tcattctgcc	540
taangtaggt tttagtcttt ttcaaaacat tctagtaggc aagtctgtag ctgaatcttt	600
ggaagaaagg caaccattag taatatTTTT tgaagttccc tacctgggta attttttcaa	660
taaaaaactn aggttctcag gttagcnaga atcatggtct taggaagggt ancttgtaag	720
acccaaaatt atnt	734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3494
 gnnnttnann nnnnttttan nnnatacagg ctacttggtc tttttgcagg atcccatoga 60
 ttogaattcg gcacgagcac catcgaatat ttttatttat tttgagagac agactctgtc 120
 acccaggcta gtcttaaaact gttgggtgaa tcttaagtga ttctcccacc tcagcctccc 180
 aaagtgtctgg ggattacagg gcatgagcca ctacccttgg ctgtgatcaa gtatttttagt 240
 ctgttggtta aatgtttact aaatagtctg aagtagagaa aatagcacc aatctaaaat 300
 aagggtgaggt ctagtcactt atttaaactc acattttaag ctatagttta ctattagttt 360
 aaactttaag acaggtaatg ttcattgctgc agacaatcta agggcattat taaaatgttt 420
 gttcttctct atctcagaat tgaagtatgt cagaagcaag acttttcttt ccatttttgtt 480
 atagtagaaa tgcatacatt aacaggtagc ttttagacat tacacgtgct catctgcccc 540
 aaagctctaa tgagctgcct taccctggaa tgttttctct agcttggtt tgcttttttg 600
 gagggattaa gaaaagactt ggctgggcgt tgggactcat gcctgtaatc cacantttgg 660
 gaaccnagcg gtggatcatg angtcaggag atggagacca tccggctaata acggngaacc 720
 cccgttttta ctgaaaatcc aaaaattact gggcgtggng gggcn 766

<210> 3495
 <211> 872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(872)
 <223> n = A,T,C or G

<400> 3495
 nttananttt naaaaacccc ncttntnttg gcctnacctt nccggtttct ttttttttgg 60
 gccaggggna atnccccca tnccggnatt tcccggaaaa tttccgggnc caccggaagc 120
 cctgggggaa aaaatgggaa aaaatttnat ttnatttttt ncaaccccc atttaggntt 180
 angcccaa attaaaaaaa aggaaaatta ctttccaagt taaantancc gttantnggg 240
 gaaatanctt acctttaagt tccaataaaa aaaaggggga aatggaaaaa taaatggggc 300
 atttttggca ngcaanccct ggggantggg aaaactgggg angaaccatt anttcttaaa 360
 agtgggaangt aaccttcaag ggaaaatggg aaaaaccaa cccgtcgggtg gtggttcttc 420
 actctttaa gtggggaagc taaagcttgt ggagggaccc aaagggccta agaaatgata 480
 caatgggact ttggagactc aggggaaagg gtggggaggc cggtagaggga taaaacagtg 540
 ccactgggtc agtgtcactg cttgggtgat gctgtccaaa atctcagaaa tcaccctaaa 600
 gacttattca tgtgccaacc tcctgtccca aacctttaaa aaaaatgcgc catccccca 660
 tggaaataaa gtcaacagcc tgcagagcaa aaagactggt tagtaactta aaatattcca 720
 aaagagactc ctcatgccta ctagttcact ctgaatctat caaacacgta aaggaatttg 780
 gttcacacca ccaccacccc caatcttnac aatctntgag aaacagagaa ganggaattc 840
 caactccttg tgaggcagct tccctgtcca tg 872

<210> 3496
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3496

tntctnaatn	tgntnnecgna	tcttgaggac	ccatcggtca	attccgnncc	naggggggnan	60
ctnccentac	tccttgatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggaattg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagcccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcattct	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	gttggagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttccccgat	660
gaatgcaa	naaacttttg	tgacaccagc	aaccattg	tccttana		710

<210> 3497

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3497

nntnnnnntn	tgaaancctt	nggctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctcegeg	gatgaggaga	cagttctcag	cacccaatct	caaagctgg	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcaggtgga	agaaacagac	420
agtgttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgc	tgtataccat	aaatgggcag	nttctgaaat	tttgataaa	gcatcaagaa	600
ctccttttct	tgaaacgttc	ctnctttttt	agtgccta	taatatactt	acttaccng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	cctttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnn	nnnnnttttn	nannnnnnnn	tnnttnnnnn	nnnnnttttn	aaaaacagct	60
cttgttcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcattc	tgtttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctgttt	tcaggtttct	tttcagtgtt	ttaggtattc	agtatttaaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccttcac	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgta	gtaaagaaga	acattttgtt	taattgagag	360

```

aagtctgctg tgttcttggt gatagaggac catcctagag ttgggagtgc tgtctgcaca      420
gcaacaaacc cagagtctac tttggatcac cttatatagt tcatgagtaa tcagcagatg      480
cctttccttt ctatgtctct ctctcagtga aaggcactgt ttcttccact tgggtgaggaa      540
tggcctaata ctcatgtctt gtaacaggaa tgctacaact gctcaaattg taccatttat      600
catatttggg aaggctctgc cttagtcttg cctgttcaat tataaaagga aagaagacgt      660
aaaagatgta gagttgtctg ngtgattttc cccccattat gtcagaagag gccttaagaa      720
aactaatacc cccacaaaat atatcttttt agatttctat tatatatttn gncttatcaa      780
ga                                                                    782

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<210> 3499
<211> 736
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

```

```

<400> 3499
atacagctct tgttcttttt gcaggatccc atcgatttoga attcggcacg aggttgcttt      60
caaaagacac atatcaccat agtacatgta ataacacaca taggctcaaa gtaaaggggt      120
ggcgaangat ctgttntgca gatggaaaaa aagatcaggg gtcactattc ttgtttcaga      180
taaaacagac tttttaaatc aacaacagta gaaaaaggac tagggcatta cataatgaag      240
aagggttcaa ttcaacaaga tttatcttat cacacccaag attggagcac tcagatttct      300
aaactattat ttctagacct aggaaaagaa ttaaaccggc acataataat agtgggggac      360
ttcaacacct cactgacagt gttagataga tcatcaaggc agaaaactaa caaattctga      420
acttaaatc aacagttgac taattgaacc taatagacat ctacagaata ctccaccac      480
caacaacaga acatactttt ttctcatgtg cacatagaaa atactctaag attgaccaca      540
tgctttgtca caaagcaa atcagtaaat tcaaaaaaga ttgaaatcat accaagcatt      600
tcagactaca gcatagtaaa aatgaaaatc aacaccagg agaaactctc aaaacatggg      660
aactnaacaa cttgctnctg natgactttt tgggtaaata taaaaatang gcttccttaa      720
ccctttttgn aacaat                                                                    736

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```

<210> 3500
<211> 752
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

```

```

<400> 3500
gnnttnnnnn nnnnnntttt nanntantgc tcttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgaggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagAAC      120
agcgcagtgc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat      180
ttgcgtnctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt      240
caattaggtt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc      300
ccttgagtat ggggtgggct gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg      360
ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc      420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc      480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatata      540
ttcactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc      600
tagtagaggg cacctttgga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa      660

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```

aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

```

```

<210> 3501
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (752)
<223> n = A,T,C or G

```

```

<400> 3501
gnnttnnnnn nnnnnntttt nanntantgc tcttgttctt tttgcaggat cccatcgatt 60
cgaattcggc acgagggtcaa ctctccttgg tgagtgcctc agaacttagg aaaagagAAC 120
agcgcatgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
ttgcgtntct tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
caattagggt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
ccttgagtat ggggtgggctt gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatatc 540
ttcactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
tagtagaggg cacctttgga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660
aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

```

```

<210> 3502
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (737)
<223> n = A,T,C or G

```

```

<400> 3502
tacagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga ggaaaacatc 60
taactaagat ggttttactg gtgaattcaa tcaaatattt aaggaacaca taataccaaa 120
accataacac atncaaatnt atggcccttc agattttgtn cttcttttng ggtcagtgtt 180
aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
catgttggtg gtagcaagcc ctaaccctgt cataaacagg ccttaaataa actggccata 300
aacaggatth ctgcagcaat gggacatgct catgatggct gtcatgcaca ctgcgaaaag 360
ttgttggttt actggagcag ggcaaggAAC acctggcccc gcccgagca aaaaactgtc 420
aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
tcagccagag cctgtttctc tgctcctcgc tgagattgct ttgtttccca taaagattgc 540
ttttagctaa tctacaatct atagaacaat gcttatcact gctttctgtc aataaatgtg 600
tgggtcaagc tctgnttggt gctctcagct ctgaaaaaaa aaaaaaaaaa aaaaactcga 660
gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
tggnaacccc ncactng 737

```

```

<210> 3503
<211> 738
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

tnaanatcnt gctacttggt ctttttgcag gatcccatcg attcgcgtec gctctcattg	60
gctctgctgg tccagaaagc agcccaggcc tttaactcgg ggctgctgtg tgtggcatgt	120
ggttcatacc gacggggaaa ggcgacctgt ggtgatgtcg acgtgctcat cactcaccca	180
gatggctggg cccaccgggg tatcttcagc cgctccttg acagtcttcg gcaggaaggg	240
ttcctcacag atgacttggt gagccaagag gagaatggtc agcaacagaa gtacttgggg	300
gtgtgccggc tcccagggcc agggcgggcg caccggcgcc tggacatcat cgtggtgccc	360
tatagcgagt ttgcctgtgc cctgctctac ttcaccggct ctgcacaact caaccgctcc	420
atgcgagccc tggccaaaac caagggcatg agtctgtcag aacatgcct cagcactgct	480
gtggtccgga acacccatgg ctgcaagggt gggcctggcc gagtgtgtgc actccactg	540
agaaggatgt cttcaggctc ttaggcctcc cctaccgaga acctgtgtg cgggactggg	600
gacccatggc ttgggggtgc tgangaaagc ccanttggac tggctacccc ttctggccac	660
ccagtacttc cttcagcctt aactgggtga acttgccggg tcaaccacca actttctnag	720
cgagcanggg ccaaggct	738

<210> 3504

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3504

tcccttggnn nnnnnnnnnn tttannnata nagctcttgt tctttttgca ggacccatcg	60
attcgaattc ggacagagga aaacatctaa ctaagatggt ttcactgggtg aattcaatca	120
aatattttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga	180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt	240
tttttttggg agagataggg ttttgccatg ttgttggtag caagccctaa cctgtgcata	300
aacaggcctt aaataaactg gccataaaca ggatttctgc agcaatggga catgctcatg	360
atggctgtca tgcacactgc gaaaagtgtg tggtttactg gagcagggca aggaacacct	420
ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgtcc	480
ttggcagcat gtttttgtctg cagataatca gccagagcct gtttctctgc tctctgctga	540
gattgctttg tttcccataa agattgcttt tagctaactc acaatctata gaagcaatgc	600
ttatcactgg ctttctgtca ataaatgtgt gggcaagct ctgtttgtng gctctcagct	660
ctgaaaaaaa aaaaaaaaaa nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt	720
tacgtanatc cagacatgat aaganccatt ggtgagtttg	760

<210> 3505

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3505

gnnntttnnnn	nnnnnnnttt	tntaganaca	ggctacttgt	tctttttgca	ggatcccatc	60
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ctacatgttg	caagagaaaa	actagcagat	gttctttggc	agccctgtca	ttcagctatt	180
attgctaaag	cactaggttg	gaatcattat	gaaaatttcc	atcctcaaat	agaaaggaga	240
tttgacatat	cctcttctct	tgctggttta	attgatggga	agctttgaaa	ttggaaattt	300
gcttggtgatt	gtatttgtaa	gttacttttg	atctaaacta	cacagaccga	agttaattgg	360
aattgggttg	tctccttatg	ggaactggaa	gtattttgac	agctttacca	catttcttca	420
tgggatatta	taggtattct	aaagaaaccc	atattaatcc	atcagaaaat	tcaacatcaa	480
gtttatcaac	ctgttttaatt	aatcaaacct	tatcattcaa	tggaaacatca	cctgagatag	540
tagaaaaaga	ttgtgtaaag	gaatctgggt	cacacatgtg	gatctatgtc	ttcatgggga	600
atatgcttcg	tggcataggg	gaaaccccca	tagtaccat	tgggggattt	catacattga	660
tgattttgca	aaagaaggac	attcttnctt	gtatttaggt	agtttgaatg	caataaggaa	720
tgattgggtcc	agtcattggc	tttgacttgg	gatctctggg	tgctan		766

<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3506

tnaannanag	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	gcacgaggtc	60
catacatgga	gtccctgga	ccgtgtgtct	ctcgtgtgac	tgaacgtttt	gtgatgaaag	120
gaggagaggc	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
attgcacacg	ggaaagctgt	gtggtttctt	tttacctttc	agctgaccat	gaactcctga	240
gcccgaacaa	ctaccacttc	ctgtcctcac	cgaaggaggc	cgtggggctc	tgcaaggcgc	300
agatcactgc	catcatctct	cagcaagggtg	acatatttgt	ttttgacctg	gagacctcag	360
ctgtcgtctc	ccttggttgg	ttggatgtag	gaagcatccc	aggagatttt	agtgacaatg	420
gtttcctcat	gactgagaag	acacgaacta	tattatttta	cccttgggag	cccaccagca	480
agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatattttac	tgaagggaatc	540
taggttgat	tttcagtggg	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccg	gagacatgtc	tgcgtgctgc	cacgcactctg	660
ancgattgct	cttggtgaaga	gtttgtcact	gaacattttc	aggggagggt	gtttacccag	720
cnatgtnctn	aacan					735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3507

natngnttgc	tcctngttct	ttttgcagg	tcccatcgat	tcgagacaac	ccagaaacaa	60
attcatacat	ctatggtgac	cacttttgac	aaaggaatga	agaacataca	ctgggggaaa	120
agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctctta	gcataataca	aaatcaaat	taattaaaaa	gttaaatacta	240
agacctcaaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300

gtgggcaaag	atcttctgtg	taatacctga	caaacaggca	accaaagcaa	aagtggacaa	360
atgggatcac	atcaagttaa	aaatcttctg	cattgcaaag	gaaataacaa	agtgaagaga	420
cacccataga	atgtgagata	atatttgcaa	actatccatc	tgtattaggc	catttttgaa	480
gtctacaaag	aaatacttga	gactgagtaa	tttataaaga	agaggtttaa	ttggctcacg	540
gttttgcagg	ctgtcaggaa	gcatgggtgct	aacatctgat	cagcttgtag	ggaggcatca	600
ggaagtttcc	acccatgggtg	gangcaaaag	gggaataagt	ttctccatgg	caggtgcagg	660
gcaaaaanan	gggggaaggg	aagtgcenca	caaccagatc	ttgtgagtn	tcagatttgn	720
ggngggngct	tgngg					735

<210> 3508

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3508

taaacatcng	gctacttggt	ctttttgcag	ggatcccatc	gattcgaatt	eggcacgaga	60
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ctccagttcc	tgggttcaag	ccatccctcc	tgccctcagcc	tccccagtag	ctggaactac	180
aggtgtgtgc	catcacacct	ggctttacat	ttttctgtgg	ggtcttacta	tggtgcccag	240
gccgggtctca	aactcctgag	ctcaagtgat	cctctgcctc	agcctccaga	gtatctggga	300
ttacatatgt	cggctaccgt	gtctggcgt	tcacatcttt	ggccactatt	tgcttgtgaa	360
aagggtataat	gaggtgggtac	ttatcatttt	tactgngtct	catgttttgt	atatttttgt	420
ttcatcaact	aagatgcact	gtaacatctc	tgaaatctgg	atatattatc	aatggtttat	480
catagttttg	ttagcaatac	actgtctttt	agtgggtgct	aaaataatgg	tatagttgtg	540
aggtgatctt	agatttgatg	aagcacagta	tgagggtagg	cctaattggg	gaagatggta	600
atataaaagc	aagaagtatt	ttttttttgt	aatgactgaa	agctgtctgt	ggatgacct	660
cccttttctt	taaacacgat	tntntcactt	ncaactncaa	acttgctcaa	ctaattcttt	720
aaaaataact	tgagc					735

<210> 3509

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3509

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cccacgatt	cgaattcggc	acgagggata	ttcattaccc	tgagaatgaa	atgacctgca	120
attcgaaaat	cagctgtatc	agttggagta	gttaccataa	gaacctgtta	gctagcagtg	180
attatgaagg	cactgttatt	ttatgggatg	gattcacagg	acagaggcca	aaggtctatc	240
aggagcatga	gaagagggtg	tggagtgttg	actttaattt	gatggatcct	aaactcttgg	300
cttcagggtc	tgatgatgca	aaagtgaact	gtgggtctac	caatctagac	aactcantgg	360
caagcattga	ggcaaaggct	aatgtgtgct	gtgttaaact	agcccctctt	ccagatccat	420
ttggctttcg	gctgtgcaga	tcactgtgtc	cctactatga	tcttcgtaac	actaaacagc	480
caatcatggg	attcaaagga	caccgtaaaag	cagtctctta	tgcaaagttt	gtgagtgggtg	540
aggaaattgt	ctctgcctca	acagacagtc	agctaaaact	gtggaatgta	gggaaaccat	600
actgcctacg	ttccttcaag	ggtcatatca	atgaaaaaaa	ctttgtaggc	ctgcttncaa	660

tggagattat atagcttgtg gaagtgaaaa taactctntt tcctgtccta taaangactt	720
tntaagactt tgctactttt aagttgatac agncaa	756

<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3510	
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ttggncgagg agtaaangtc gcttnttngn ncntttantt cactncaa at nganaaanga	180
antnccagtt tcctgacang cccaacccan tgctnggccg gttcctgagt ccacttaata	240
tatttaagag gaaaagatct nggaccacag gagaatggcg tggattgacc taccagatta	300
tgaccatgta gaagatgaac tttttcctcc tttccacctn cagcctntcc agagagacaa	360
gatggtgaag gaactgagcc tgatgaagag tcagggaaat ggacacctgt tcctgtcctn	420
caaagagaac agttaaaaga aatntcccaa gctggatgct cagagattaa tttcagagag	480
aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aaggctcatga	540
ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc	600
taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt	660
canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa	720
cttattgaaa gtganatggt gcttctgagt a	751

<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3511	
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ctgtgctagg ctctgcaaat gctaagaggg ggaagtact gtccctgctt ccaaggagat	180
catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt	240
aagcccttag ttaatgttta aagatgttta aagatgtctg agactcatag gtcaaagtca	300
gatttcagtt ccaccttatt agacctgcac tgctaaggag ctgctttagg taaggctgtg	360
ttcctagtca ccagggtgtt caaacacagt gctgggggca atgtgggaat agccttcttt	420
tatttaggaa gtaatgtgaa gtcagtttca tgaatagatc ttactttaag cattcattga	480
gggttttggc aagaatagag taccgtatat gaagggtgtt cctaactctnc ctgcaccagg	540
aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa	600
gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgctactttt	660
ccaagcttca tancacaaaa gtcttctgtc tcccactct gactttacca ctccataggg	720
actgtcaaag gcagcn	736

<210> 3512
 <211> 772
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (772)

<223> n = A,T,C or G

<400> 3512

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ccatcgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctggtg      120
gccccggcga gtggcagggt cccgtgtcac ggacaggcac ggccccctctg gaccgcttaa      180
aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc      240
gaagcatggt ccttgaggga ggcattccgt cctgtggcg cggaatggt attaattgtac      300
tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agaggggccat      360
ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt      420
gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc      480
ggacgggcca atataagggg ctgctggact gcgccaggcg tattctggan agggaagggc      540
ccgtgccttc taccgcggtc cctcccaacg tgctgggcat catcctatg cggcatngac      600
ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa      660
accaagcatt ctctgcttct ggctgaggac catatcaaca ctgcggcaaa tagccantta      720
cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an              772

```

<210> 3513

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3513

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atccctcgag gcgaattcgg caccagctac acagttccca ttctttacct taacnttgta      120
ctgagagaga cccaggctctg acctgtatag cagtttgagt cgaggggctg tcaaaggggt      180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc      240
tttatagacc aatattggca gccatgaagc tgcttgtcct ggggtgaggaa ttcagtttta      300
gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga      360
agaaatgcag tgtgtaggga acctgcagggt ggtaacagtt gaaactcata tcaatgatct      420
tgcctattta cactccatg tgcctactct ggctgtctaa tccagcagta accagtattg      480
nattctaggg ccttccccaa attggagcta cccccagaat ttctcangct tttaatccct      540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc      600
tacctgctgc attgtcagca aaacttgcta catgctaatt attccacttt cagtgaagca      660
atcaatgagt gacagtagga aataactttg anagttgggt gggtcctaac atggcctctt      720
aataatggaa atgagaccaa attgggggacc taatnttgcc aaggaanaat ggnnaggt      778

```

<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3514

```

agnnnnnnnnt tttnnngcnan ngnaaaacttt ttaangaagc tttaatannc ctttctctgg      60
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ctgagagaga cccaggtctg acctgtatag cagtttgagt cgaggggctg tcaaaggggt      180
tgccaaagtc atctaaagga cttggcacca gaagtagcat tatgacttng gatccacttc      240
tttatagacc aatattggca gccatgaagc tgcttgctct ggggtgcggaa ttcagtttta      300
gtggctgaat gcacagacag caggaagaga gaatagggga caatgaacaa cagagagaga      360
agaaatgcag tgtgtaggga acctgcaggt ggtaacagtt gaaactcata tcaatgatct      420
tgcctattta ccactccatg tgcctactct ggctgtctaa tccagcagta accagtattg      480
nattctaggg ccttccccaa attggageta ccccagaat ttctcangct tttaatteet      540
gaaaatcttt taaactaaaa cttctangtc agttgtcccc aggggaactg aggctgtttc      600
tacctgctgc attgtcagca aaacttgcta catgctaatt attccacttt cagtgaagca      660
atcaatgagt gacagtagga aataactttg anagttgggt ggttcctaac atggcctctt      720
aataatggaa atgagaccaa attggggacc taatnttgcc aaggaanaat ggnnaggt      778

```

<210> 3515

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3515

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gattcgaatt cggcacgagc cggagagaag cagcaggagg gcggcggcgc cgtgcgctgc      120
gacacacctg ccaactgcac ctatcttgac ctgctgggca cctgggtctt ccaggtgggg      180
ctccagcggg tcccagcggg atgtcaactg ctcggttatg ggaccacaag aaaaaaaaaag      240
tagtgggtgt accttcagaa gctggataca gcatatgatg accttggcaa ttctggccat      300
ttcaccatca tttacaacca aggctttgag attgtgttga atgactacaa gtggtttgcc      360
ttttttaagg atgtcactga ttttatcagt catttggttca tgcagctggg aactgtgggg      420
atatatgatt tgccacatct gaggaacaaa ctgggttatta aatagagcat ctgttgaggg      480
actcttttaa aaccacagcc atgaacagac gttgggggcta agagacagac agcctgcgac      540
agtgtggacc tacctgtagc agctagcaaa ggcctctagc agctacagtc cttcttgagg      600
tctttatttg catgcaaaat gcaaaggagt cctggtgacc tactccaagc actgcccttc      660
tgaacactcc ttggaaaaca gtaaacaatca ttttggaatg tgaacaacca gagactnccc      720
aggagaaaag aaaaaaaaaat tntgaagatg caaaatcttg ggtgggttca ccgtcaattt      780
ttaa

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<210> 3516

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3516

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gnnttttnnnn nnnnnnnnttt tnnnnatcag ctctgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagcacag tccttctgga gccagacctg aagccacagt agcagtgcca      120
gctcagcaga aagtcaggac agcangagga ggaagaaaaa gaaggaaaang aaaaaacncag      180
gaancntaaa aggcttagga ncttangaaa cntgcaggcn ctgaagtgga attggaaaaa      240

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nccaaaaccc	caanccccang	aaaangagtc	aangangan	aangntaaga	gaaggagaag	300
gagaaggatg	acaaaaangt	gaatctgcct	gtgtaaaaagg	cagatttttt	aattgcttaa	360
tactaagtca	tctgttttnaa	atttgggtata	tgtaagagat	tcaagccttg	naatatgaca	420
tggaagaccc	tgtgctgcac	ttaaatatgc	ttgcttgatt	atttgatttt	acatcagagc	480
tttataacac	gaacttttgt	ccagaattgt	gagttgtgcc	atgttacatg	aganggtttt	540
gctagggcct	attattttta	ccaccattaa	ttagttgggg	tgaggtttac	tgtaatgtga	600
aatttcccat	ttgaattttt	aatggctggc	aaagctgntt	tagtcttaaa	ttcancggat	660
gattgctgaa	tcattncacc	ctgtatgtcc	ttttggntnc	atnaaaagttt	cagtaacttt	720
caaaaaaaa	nnnnnnnnnn	nnnnnaa				746

<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 3517

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gattcgaatt	cggcacgagg	aaaggacagt	gctacttgta	tatgaagggt	atagaacgag	120
cggcttttcc	tcggcgtctc	tgggaacggg	tccggcttag	taaaaactat	gagaaagcac	180
tgagacaaat	agatgaaaat	ctgatttact	ggccccgttt	cattcgacac	aaatgtaagc	240
agagattcac	caagatcacc	caatccta	tcgaattaga	aaacttcact	aaagcgacag	300
aggaaacttg	ttcctttgag	taagaagggtg	gagcgtaggg	agaaaagaag	agaggaaaag	360
gcattaatag	ctgctcagct	ggacaatgcc	attgagaagg	aattactgga	gagactgaac	420
aagatacgta	tgccgacatc	tacaacttcc	cattcatgcc	ttcgacaaag	ccctggaaca	480
acaggaggca	gagagtgact	cttcagatac	tgaggaaaaa	gatgatgatg	atgatgatga	540
ggaagatgtg	gggaaaagag	aatttgtcga	agatggtgag	gtagatgaga	gtgacataag	600
tgattttgag	gatatggata	actggatcca	gcagtgatga	agatcaggat	ggtaaactct	660
ccatgaggag	gaggaagaaa	aggccttatg	cgaaacacaa	angcnaaatg	cccttganag	720
gncctgcgga	naaccaacc	tnttggaat	ngaatncaac	nggagacaaa	cccgtgg	777

<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3518

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ctttttgcag	gateccatcg	attcgggcct	ccccaccct	gctgcacacc	tacactgaag	120
gaaggctatt	tgcatatgca	gcaagaangc	agccatctgc	aaggcagaag	aagagaccct	180
caccaggaac	tgaataagtc	agtcagtctg	ggacttccac	ctctagaact	gtgaaacaat	240
aaattttctgt	ggtgtaagca	actcaatcta	tagtagtttg	ttactatttt	gttatagcaa	300
ccaaagatga	ctaaccagac	aggttatgtc	actcgccaag	tgtcttggtc	tgtttgtgct	360
gctataacaa	aataccttag	actgggtaat	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggctgaga	agtcataaat	caaggcacca	gcagattcca	catctcgtga	480
aggctcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540
caaacaagcc	ccctggggcc	tctttttataa	aggcactaac	tctatgccta	aangcagggc	600

```

cctcatgact ctatcaccta ccaaaaaggct tcactttcttt atactatttg angggtagaa 660
ngaacttcct ttctagacct tgaaagggtta agaaatttga atctattaaa caagctgaca 720
atngacagat taacaggaga aaaagcntat acatttttta atgtgggcca aatggcaaaa 780
gcttaaata 789

```

```

<210> 3519
<211> 763
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (763)
<223> n = A,T,C or G

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```

<400> 3519
tatagnatca gctcttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagcga 60
ataaagcaga aaaggagaga tcgctgaagg aaaagtctcc gaaagaagaa aaactgagac 120
tgtacaaaga ggagagaaaag aagaaatcaa aagaccggcc ctcaaaatta gagaagaaga 180
atgattttaa agaggacaaa atttcaaaag agaaggagaa gattttttaa gaagataaag 240
aaaaactcaa aaaagaaaag gtttataggg aagattctgc ttttgacgaa tattgtaaca 300
aaaatcagtt tctggagaat gaagacacca aatttagcct ttctgacgat cagcgagatc 360
ggtgggtttt tgacttgctc gattcatcct ttgatttcaa aggggaggac agctgggact 420
cgccagtgc agactacagg gacatgaaga gcgactctgt ggccaagctc atcttgagaga 480
cggatgaagg ggacagcaag gagaggaggc gggacaccgg gcccgggaga agcgagacta 540
cagagagccc ttcttccgaa agaaggacag ggactatttg gataaaaact ctgagaagag 600
gaaagagcag actgaaaagc ataaaagtgt ccctggctcc tttcgaaaaa ggcaagaaga 660
ngagagagtc cncaaagccc ggccggacag aaggaccctt ggaagctgca aggancncag 720
ggaccgcagg gcccaaccna ggaggtgccc cggaggactn aat 763

```

```

<210> 3520
<211> 821
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (821)
<223> n = A,T,C or G

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```

<400> 3520
tnannnannc annnnnnnnn nnnnnntttga agccattgct acttggttctt tttgcaggat 60
cccacgatt cgaattcggc acgagagcaa ttccactcct agctccaccc acaggaaatt 120
gaaagcaaag acgcaaacag atgcctgtgc accaaagtgc acgggcaagc atccttcggc 180
cttaatgggc agcattccgt cgtcacaagc gggcattcat cctttcatca atagcgggca 240
gcattccgtc gtcacaagcg ggcagcattc ctttcgccac aagcgggcag catcttgctc 300
gtcacaagcg ggcagcatcc ttccgcaaag cgggcaagca tccttcgtca tagcggcagc 360
atcctttgcc atagcgggca aggtggaaac cctgtccatc cactgaggcg tgcatagact 420
aaacatggcc agtcaggca ctggaatcca ggcgcgtaga acggcgccca cggcctaaaag 480
gaatgagacc ctgatgcact gggcgacaca gacgggcgac acagacttgg agacatcatg 540
ctaagtgaag agccaggcac acggagcgga cggcgtgac ctgctcacgt gatgtgtccc 600
gaatgggcac gttcagaggg aagaaggag atggcgcttg ccggtgcccc gggacnngggg 660
ttgggagcga cggttgctgg tttggggttt cttctctggg tgangaantg gttttgatat 720
ttggncctgt ggtgatgttt gcatacctct gaatatgctt aaganccaca gaattgacca 780
ctttaaatgg atgaattgna tggatttggg aattacccaa n 821

```

<210> 3521
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3521
 gnnntttntt tttnnnnntn anagnaaaaan ctttttgcta cttgctcttt ttgcaggatc 60
 ccatcgattc gaattcggca cgaggagaag ctgacgggca tgtggtggaa acngctggtg 120
 gcccggcgca gtggcagggtg cccgtgtcac ggacaggcac ggccccctctg gaccgcttaa 180
 aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc 240
 gaagcatggt ccttgaggga ggcatccgct cctgtggcg cggcaatggt attaattgtac 300
 tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agaggggccat 360
 ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt 420
 gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc 480
 ggacgggcca atataagggg ctgctggact gcgccaggcg tattctggan agggaagggc 540
 ccgtgccttc taccgcggta cctcccaacg tgctgggcat catccctatg cggcatngac 600
 ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa 660
 accaagcatt ctctgcttct ggctgcggac catatcaaca ctgcggcaaa tagccantta 720
 cccgttggcc ttgtccggac ccnatcagcc aaccgtggta ttccataaca an 772

<210> 3522
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3522
 aaacagctac ttgttctttt tgcagggatc ccatcgattc gggagaaatg ctggccacag 60
 atggtgctgc ccaacaggcc cataccactc gttccagtca gaggtgcttg gcctttgtgg 120
 gatgaatgtt cgttgggttca aatcaagctt tttccaaatg aacaaganca ctggncctta 180
 ccatattttg gcaaggatcc gaaatcaagg gttcttcttt caaagtgcct gccaggggga 240
 atcttgaaaag aagggtagcc cttgcaacaa aacctgggtc cctgtaaacc ctcttcttga 300
 aggggaatccc ctgcttgccc cacttggcat tttccaaagt tgcccttcct caagaatgta 360
 ttaaaccctg aaccagggtta cttgtcttgt gcccaagacg atcttgggaa acccggcccc 420
 atgggatctg tacttgantg cttgctgagc ttcacccact gagagtttac ctctggagtt 480
 cantgatgac ttggatgttg tgggtgatgg tatgcantgt ctnccttaact ttgctttttg 540
 atccttcact aacccttgaa gatcatttan tcaaagaaat tgcttgaaga cacantggat 600
 attttgggcc anatgcaaat ggctggagat nggtgcagat cccanggatc tcgaaattct 660
 gagaaagctt ttgnaccatt ggcttaaaat ggattggcta ctgcaaatgg gaagccagaa 720
 ccacttttat tanttgatag tttggggaac catttacttt ggtggattna aattctcgtc 780
 tttaaaagaa gtatttctga acatntttaa caaaaaaan 819

<210> 3523
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3523

taaanaatca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagcggg	60
actggtacca	ccgcatcgac	cccaccgtgc	tgctgggcgc	gctgccgttg	cggagcttga	120
cgcgccactg	gtacaggacg	agaacgtgcg	cggggtgatc	accatgaacg	aggagtacga	180
gacgagggtc	ctgtgcaact	cttcacagga	gtggaagaga	ctaggagtcg	agcagctgcg	240
gctcagcaca	gtagacatga	ctgggatccc	cacttgga	acctccagaa	gggagtccaa	300
tttgcctca	agtaccagtc	gctgggccag	tgtgtttacg	tgcattgtaa	ggctgggcgc	360
tccaggagtg	ccactatggt	ggcagcatac	ctgattcagg	tgcacaaatg	gagtccagag	420
gaggctgtaa	gagccatcgc	caagatccgg	tcatacatc	acatcagcct	ggccagctgg	480
atgttcttaa	agagttncac	aagcagatta	ctgcacgggc	aacaaaggat	gggacttttg	540
tcatttcaaa	gacatgatgt	atggggatta	gaaagaactc	aagacactcc	tgcttgatac	600
agaacaaaaa	gagcttaaca	ggaccaacan	ggcttaaccc	agacttgacg	taacagaaat	660
gtgccaatag	gtaataggta	attttctttc	tctgacttgg	tttggtttct	ttgaaataac	720
actgttgtgt	nggctngaaa	nggaaaaaaa	aaaaaaaaaa	aaaan		765

<210> 3524
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3524

gnntttnaaa	nnnncagntc	ttgttctttt	tgcaggatcc	catcgattcg	ccaggctagt	60
cttgaactcc	tggcctcaag	caatcctccc	acctcggcct	cccaaagtgc	tgggattaaa	120
ggcgtgagcc	accgtacctg	gcccttggtg	gaatcttttag	ggttttctat	tcatacatat	180
aaaatcatat	cattggcaaa	cagagataat	tttacttcct	cctttccaat	ttggatgcct	240
tagatttctt	tcccttgcc	aactgctctg	tctagaactc	ccagcactat	gctgaataga	300
gtggcaagag	caggcatttg	ccttggtcct	aaccttagag	aaaaatcctt	cagcctttta	360
ccattgagga	tgatgtttgc	tggtagtttt	tcataaatga	tctatatcag	gctgaataaa	420
tttctatttc	taaaaaaaaa	aannnannnn	nnnnnnnnnn	nnnnnnnaaa	aaaaaaaaact	480
cgagcctnta	nactatagng	agtcgtatta	cgtagatcca	gacatgataa	gatncattga	540
tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	gctttatttg	ngaaattggg	600
gagctattgc	tttatttgna	accattntaa	gctgcaataa	acaagttaac	accaccaatt	660
gcttcattta	tgggttcagg	cagggggagg	tttgagggtt	ttttaattcg	cggccgnggg	720
ccaatgcatt	gggcccggtc	ccaactttgg	tccctttagg	gng		763

<210> 3525
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3525

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ggnnntttnn attatacagt tcttgccctt ttgcaggatc cctcgattcg aattcggcac      60
gaggtggcta tccatcaaca taagtaaaaa aaaaaaacac tttnctccct cccccattta      120
gattatztat taacatattt taaaaatcag atgagttcta taaataattt agagaagtga      180
gagtatztat ttttggcatg tttggccac cacacagact ctgtgtgtgt atgtgtgtgt      240
ttatatgtgt atgtgtgtga cagaaaaatc tgtagagaag aggcacatct atggctactg      300
ttcaaataca taaagataaa tttattttca cacagtcac aaggggtata tcttgtagtt      360
ttcagaaaag cctttggaaa tctggatcag aaaatagata ccatggtttg tgcaattatg      420
tagtaaaaaa ggcaaatctt ttcacctctg gctattcctg agaccccagg aagtcaggaa      480
aagcctttca gctcacccat ggctgctgtg actcctacca gggctttctt ggctttggcg      540
aaggtcagtg tacagacatt ccatgggtcca gagtgcctcag aaactcaaga taggatatgc      600
ctaccctcag ctactcctgg tttaaagttc agctctttga gtactcttca attctttcag      660
gacacttggg tgggaattcag taagtctcct ntgaacaccc tgaanggtgc catccttaca      720
gactaantgg agacgtttcc agatcagccc aagtttacta tagag      765

```

<210> 3526

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3526

```

tttttaaana aancaggntt cctaattcctt gttntnnnga nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattcggcac gagattctct caataatggc cagccgaaaa      120
gtacgcgctg ccaggcatct gctccgcgg agtcattaaa ctcccacagt ggtcacccca      180
ctgctgatgt acagactttc caggcaaagc gccatattca tcaacaccgt cagtcttact      240
gtaattataa cactggaggt cagttagagg gcaatgcagc cacttcctat cagaagcaga      300
ctgacaaaacc cagccactgt agccagtttg tgacacctcc gcggatgagg agacagttct      360
cagcacccaa tctcaaagct ggtcgagaaa ccacagtnta aatcagttac tggacaaact      420
tgaaatcatg gtggaagaaa cagacagtgt tagctcatga tttgatttgg ttctaccttt      480
ggccttgagt tcttattatt tacattataa atattaactg gttttatatt gttaagacaa      540
aacactggta aaagtttcaa cacctccctt ttgcttgat accataaatg ggcagtttct      600
gaaatttttg ataaagcatc aagaactcct ttttctgaaa cgttcctcct tttttagtgc      660
ctaattaata tacttactta cacggaannn annnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnmaaac tcgnnccttt aaaactatag gngtgcgtt acctaaatcc aann      774

```

<210> 3527

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3527

```

gnnntnnnt tnnnnnnnt ttttaaana ancagctact tgttcttttt gcaggatccc      60
atcgattcgc tcgagtnncn aggagacgtg cagctgtcca aggcctctgt ctatgcctg      120
cgccatgggg ccttgaanct ggggcttccc atgggagctg atggcttcgt gccctgggc      180
accctcctgc agntgnccca gttccgcggc ttntntgctg aagatgtgca gcgcgtgggt      240
gacaccaata ggaagcagcg gttcgnctg canmtggggg atcccannac tggnttnta      300
atccgggcca accagggnc a tccctgcan gtacctaagn tggagctgat gccctggag      360

```

```

acaccgtagg cccctgcnccg atgctagtcc atggtacatt ctggaagcac tggcatccat 420
cctactcaaa ggctgtcct gccanggaag gacgcacatt cacctgcccc angactgcct 480
ggagaccccc gtatcatcan tggcatgcgg tcccattgng aaatagctgn gttcatcgat 540
ggacccctgg ctctggcaaa tggaaataccc ttctttcgtc tgccaatggg gtgatantga 600
cttcanggaa tactgatggc ttctacttc caagtacttc aangaggccc tgcagntacg 660
ccctaccgaa accccttcc ttgnntgggtg atgaaaagac acaatgtaat agtncccnaa 720
cccantttca ganaaaggag gaggatccaa cattaaatat tanttataaa aagaattta 779

```

<210> 3528

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3528

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gnntttgaaa nccctttttg atncctcttc tacttgttct ttttgcagga tcccatcgat 60
tcgaattcgg cagcagggtc ttcaaagcca accnagacag gcttagcagt tttagagctt 120
cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactgggtc ttctgaacca 180
cgcanatgg cctatatgaa ccgcttggca tatgggggtga ggggtactcc atttagagaa 240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta 300
tggaatgaa gcttagagga atgtacattg ctgcacaact gagctttact ggagtgcct 360
tcaaaattga ggaagttctt ctttctcaga gctacgttaa aatgtataac aaagctgtca 420
agctgtgggt cattgccaga gagcgggttc agcaagctgc agatctgatt gatgctgagc 480
aacgaatgaa gaagtccatg tggggtcagt tctggtctgc tcaccagagg ttcttcaaat 540
acttatgcat agcatccaaa gttaaaaggg ttgtgcaact gctcgagagg aaatcaagaa 600
tggaatgt gttgtaattg gtctgcagtc tacaggagaa ctngacatta gaagctttgg 660
aagaggccgg ggagaattga tgatttgttc actgccaaag ngtgttgtag cactcattga 720
aaacatttcc tgttcanaca ggaaaacttt ntagttacta ga 762

```

<210> 3529

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3529

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gntttnnnnn nnnntttnt nnatacagct acttgttctt tttgcaggat cccatcgatt 60
cgcaggcgta ctgacagggt gaccagcgga ctgggtggaga tggcgacgct ctctctgacc 120
gtgaattcag gagacntcc gttaggantc ttgttgnacg nnnancncgt naaaaacnat 180
gtagnnttt ccgttgaana agggaaagag antnttcttn atgtttctga aaatgtgatn 240
ttcacagntg tgaattctat acttcgttac ttggctagag ttgcaactnc agctgggtta 300
tatggctcta atctgatgga acatactgag attgatcact ggttggagtc agtgctncaa 360
aattatcttc atgtgattcc ttacttcta caattaatga actcaatcat tgccgtgtctc 420
tgagaacata cttagtggg aaactccttg agtttagcag atttatgtgt ttggggccacc 480
ctaaaaggaa atgctgcctg gcaagaacag ttgaaacaga agaaagctcc agttcatgta 540
aaacgttggg ttggctttct tgaaccagc aggccttnca gtcagtaggt ccaagtggga 600
tgtttcaaca ccaaagctcg agtggcacct gagaaaaaca agatgttggg aaatttgttg 660
agcttncagg tgccgganat gggaaanggt accggcagat ttcctccaaa ggccatgggt 720

```

acttacacat tgggcattcn aaaactgntc ttntgaccac actaccaggt

770

<210> 3530
 <211> 786
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3530
 gnttttnnnnn nnntnttnaa gntcttgcta cttgttcttt ttgcaggatc ccatcgattc 60
 gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
 acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctccntaca aagcaaattc 180
 ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
 acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
 gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
 accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
 attctggata tggttgaggt atttaccac cagatacaga gttttccaga gcacatggca 480
 aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
 agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
 tcaaatatatt aatgggttgt ctctggccat tcangtgaac aaaatctgct gggttaattn 660
 tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttgggaatt ccattggccg 720
 ggaccttngg nttactgnaa gcttcgcgtt ccaggttnac gccatttttc cttgcttaan 780
 cttctn 786

<210> 3531
 <211> 786
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3531
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 gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
 acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctccntaca aagcaaattc 180
 ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
 acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
 gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
 accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
 attctggata tggttgaggt atttaccac cagatacaga gttttccaga gcacatggca 480
 aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
 agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
 tcaaatatatt aatgggttgt ctctggccat tcangtgaac aaaatctgct gggttaattn 660
 tttttttttt tgaaatggga tnttcgcttc tgtcgcccaa gcttgggaatt ccattggccg 720
 ggaccttngg nttactgnaa gcttcgcgtt ccaggttnac gccatttttc cttgcttaan 780
 cttctn 786

<210> 3532
 <211> 783

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3532

gnntttnnnnn nnnnnntttt aaantacttg ctacttggtc tttttgcagg atcccatcga	60
ttcgcccgcg gagcggagca gaggcaccca ggcagcctgc gcggagaaat tggatcggcg	120
gggacggcct gcagctcccg cgcgcggggg aaagggaaga agtcctcccn tacaaagcaa	180
attcacaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg	240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aaccagtaa ttctccagca	300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt	360
ttaaccaaga ttagagggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca	420
gcaattctgg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg	480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat	540
gatagactag atcaagcaga aaaaaaactc tcaaaactta aaatctgaag gcttttactc	600
aattcaaata tttaatgggt tggactctgg ccattcangt gaaccaaagt ctgctggggt	660
aatttttttt ttttttgana tggaatctng ctnttgctgc ccagcttgga atcaattgcn	720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn	780
ctg	783

<210> 3533
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3533

gnntttnnnnn nnnnnntttt aaantacttg ctacttggtc tttttgcagg atcccatcga	60
ttcgcccgcg gagcggagca gaggcaccca ggcagcctgc gcggagaaat tggatcggcg	120
gggacggcct gcagctcccg cgcgcggggg aaagggaaga agtcctcccn tacaaagcaa	180
attcacaac ttggaagaaa cantttacac aggatgtgca gatctcaatg gaaggacacg	240
ggaaacgtga aaaagcaagg aagtgggacg cctccaaagg aaccagtaa ttctccagca	300
acagatcccc atccaaaaga aattcaagaa atgtcatata gagaattgtg gaaactgatt	360
ttaaccaaga ttagagggat tcaagagact tctgaaaaag aaagtaagga aatgtcaaca	420
gcaattctgg atatggttga ggtatttacc aaccagatcc agagttttcc agagcacatg	480
gcaaatgtgg aactgaagaa atcactggat gaaatacaaa gtatactcga aagcttcaat	540
gatagactag atcaagcaga aaaaaaactc tcaaaactta aaatctgaag gcttttactc	600
aattcaaata tttaatgggt tggactctgg ccattcangt gaaccaaagt ctgctggggt	660
aatttttttt ttttttgana tggaatctng ctnttgctgc ccagcttgga atcaattgcn	720
ggacctcggn tnattgcaag cttccgcttc caggttcacc cattnttctg ccttancctn	780
ctg	783

<210> 3534
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3534

```

gnnttttnnnn nnnntntntt atnaatacag ctcttggttct ttttgcagga tcccatcgat      60
tcgaattcgg cagcaggaac caagaaaata tttaaaaatc taagcagtc tttgctcatt      120
aaaggataaa tcagtagtta acactttttc tacaaagaaa tgggtgtgcc tggatgggtc      180
gtgtaggtga gttttccaag gattatggta acaaatgagt gagacctcta tggagaaaat      240
attgaaggac attaaagaag acctcataaa tggagagaga tatatcatta atggataggg      300
aagcctcaat ggcataagta tgtcagtttc tttcaaaact cacctatgga ttcaatgtga      360
ttccaaacca aatcccacaa ggtcttttct ggaattggaa gccagattct gaaatgtatt      420
tggaagagta aagaggcagg gttagctatt tcattaacaa agaaggaaca tcaggcaggg      480
agacttggtg tattattaag gcttattata aattattatt gtgatcaaga tagtgtattt      540
ttggtgtaga gatagttaaa ttgccaatgg attgagccaa atttncaaaa cagaccaca      600
aataaatgaa ctctaattta caacagagac agtactgcag atcatggggg gaaaggatga      660
actattgagg gattggcaac ttttttggtg aggctanaca gccttacgtg gggtcacagt      720
gtctgtggaa ntaggcacct ctgctgnggt attgtaagan cactntganc at              772

```

<210> 3535
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3535

```

gnnnttttna annnnctngt ttcnngnatc anttccaagc cttngtgcag gatcccatcg      60
attcgaattc ggcacgaggg gattacaggc atgaccacc gcgcccagcc tgtaatttct      120
tatactttgt attttgtact tgtattatgc ttctgaatac gctataatta tttatgtaca      180
tgtttttttt cttcaataga ctggtggaac tcttcgaatg tagggactcc tagagctaga      240
tactcaatta ttttttatta aattgaatga cttgaaacta cagatccttt atttaaactt      300
cccaaatttc tgctttatct aggcaactct ttaaattctt ttatctcatg tagatttcaa      360
aggctgaaat aattgagatt ttttagtttg aagaaaagag aactgaggat ttaatgtcat      420
tattattata tttttaatgg actgtttggg agtaagtgtc agacattgtt cactttcact      480
cctaaatact taaatatttc ctaaaaacag gacattcttt ttttttttta tggagtctgg      540
ctctgtcgtc caggctggag tgcggtggca cgatcttggc ttactgcaag cttccccttc      600
cagattcacg ctgtctcctg cctnactgct cgggangctg angcagggga atcgcttgac      660
ccnggangcg gangttgcan anagcctaaa cgggccattg gactccagct gggtaccaag      720
aaccggacct ccgttggaag aaaaaaaaaa aaaaactnng cttttanaac tttngggggc      780
g

```

<210> 3536
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3536

```

gnntttnnnnn nnnnnnnnttt taagtactg ctacttggtc tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct      120
tcagaacaaa ttgccaaaag ccagagtgtt ttatgctagt gcaactgggt gcttctgaac      180
cacgcaacat ggcctatatg aaccgcttgg catatggggg gaggggtact ccatttagag      240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt      300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg      360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct      420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct      480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa      540
atacttatgc atagcatcca aagttaaaag ggttggtcac tagctcgaga ggaaatcang      600
aatggaaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt      660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca      720
ttggaaaaca tttntgctc cagcngggaa aacttatggt tacttggn      768

```

<210> 3537

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3537

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agcnnnnnnnn tnnnnnaat aaactctttg caacttctt ttttgcagga tcccatcgat      60
tcgcccagga tgaactgggt gcagtggctg ctgctgctgc ggttncgctg agaggacacg      120
agctctatgc ctttcgggt gctcatcccg ctgggctcc tgtgtgcgct gctgcctcag      180
caccatgggt cgccagggtcc cgacggctcc gcgccagatc ccnccactac aggggagcga      240
agtcaaggcc atgttctacc acgcctacga cagctacctg gagaatgcct ttccttcgat      300
gagctgcgac ctctccctgt gacgggcacg acacctgggg cagttttctc tgactcctaat      360
tgatgcactg gacaccttgc tgatttgggg aatgtctcag aattncaaag agtggttgaa      420
gtgctccang acagcgtgga ctttgatatt gatgtgaacc ctctgtgttt gaaacaaaca      480
ttcnagtggg aggaggactc ctgtctgctc atctgctctt caagaangct ggggtggaag      540
tagaagctgg atggccctgt tccggcctnt ctgagaatgg ctgaagaagc ggccgaaaac      600
tcttccaacc ntccaacccc actggcatgc catatggaca gtgaacttac ttnatggggg      660
gaacccagga aaaacccctg tcacctgtcc ggaaggattg ggaccttnat ggtgaattgc      720
cacctgacag ctnttggtga accgtgttca anaan      755

```

<210> 3538

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3538

```

gnntttgaaa nccctttttg atnccctctt tacttggtt ttttgcagga tcccatcgat      60
tcgaattcgg cagcaggttc ttcaaagcca accnagacag gcttagcagt ttttagagctt      120
cagaacaaat tgccaaaagc cagagtgtgt tatgctagtg caactggtgc ttctgaacca      180
cgcanatgg cctatatgaa ccgcttggca tatgggggtga ggggtactcc atttagagaa      240
tcagtgatgt tattcaagca gtagaacgga gaggagtgg tgccatggaa atagttgcta      300
tggatatgaa gcttagagga atgtacattg ctgcacaact gagctttact ggagtgcact      360

```

tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctggctcgc	tcaccagagg	ttcttcaaat	540
acttatgcat	agcatccaaa	gttaaaaggg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	gttgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtggttcag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3539

gnntttnnnn	nnnnnnnttt	tatnnntaca	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagac	taccccggtc	acggttcccc	catgcctggc	agcttggcca	120
tggggccggg	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccgca	gatacctcct	180
actaccangg	ggtgtactcc	ggcccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggtaact	ctggcacccc	ggatcgagga	caagtgcagag	agcaagtggg	ggtcgagact	300
ttggggagac	ggtgttgagc	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
caccccccaag	acagcagtct	tcttaccgct	tgacgcccgt	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccgggt	tccactactg	tgtagactcc	tgcttcttca	agcacctgca	gattctgatt	540
ttttgggtgg	gtgtctctcn	cattgctggt	gttgccaggga	agtcttactt	aaaaaaaaaa	600
aaattttgtg	agtgcactcg	tgtaaaacca	tgtagtttaa	cagaaccaga	nggttgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3540

nnnnnnnnnt	tnnnnctntg	aagmnatagc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	ttgtacatgc	atatttcaaa	gacctgttaa	tggtgtccac	120
tttggaattct	tacatgaaac	gattcaagtg	gcncattggg	aaggccctaan	ggaccacgcc	180
aaaanggggt	cccaacttat	ttaaagggtat	ttcaagtacc	cttccaaaaa	ngttaaatgg	240
catttaagac	actttcanga	atgggttaaac	tggtctctaa	aacaaaaaact	ccctaaagtc	300
tggtcacctat	gcaatatata	tttntaatat	accatatata	ttttttacca	taggaatact	360
cacaaaagtg	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctagggtg	420
acaatatcaa	acaattcagg	ggaataattt	tactttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atctctgtca	tctccaacct	aagatatattt	ttagattgtc	540
tcctattctt	ttgattcaaa	agccaattac	agaaactatg	aacttgacct	aattctgggt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
attttttaat	tcatcatcct	ctatgatgat	ggtgctttca	caactgcagc	tctnctgtat	720

gtcaaaatca ttctggttnc aggtaaatgg acaaanggag atttgccttc agtgtctaaa 780
aggcaattta cttttcaagc tgncttaatt acctatgggt 820

<210> 3541
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 3541
nnnnnnnnnt nnnnnctntg aagcnanagc tcttggttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggctat gctaaacagc ctttacatgt atgggtctggg taaagttoct 120
ttgttctctt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg 180
taattccaag cccccaaaat atgggttaaaa agattttttt tttaatcatg aagagaaaat 240
tagtagcatt ctttctctcc cattatttat tggtttttct cactaatctt ttttttttta 300
gtccaaaagc caaaaatatt tatcttggtt ttacatttta atttccattc ttaattgtaa 360
tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac 420
aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc 480
ttatgtctct tgntgagttt tatattttca gtggttattt ttgcttgngt tagatcatta 540
ttaaaatata tccaatgncc ctttgatact tgnctctgtc tgagaatgtc cagtttgcac 600
taaacatccc agtctcatcc ttcaggaatt tgcagtcacat gagaagangg agacaaattt 660
aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaac attctccatc 720
aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggg 767

<210> 3542
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3542
ttaagctana gctacttggt ctttttgcag gatcccatcg attcgggtcgg gtctccaacc 60
tcattaagca ccacaggggt cacactggag agaagcccta taagtgcagt gactgtggga 120
aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa 180
aaagcctcac gttgtggtta atgggtatgt ggaaaagccc tttagttata gcttcagtgc 240
tcccgaaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg 300
aaggccttca gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag 360
ccctacgect gcacgagtgt gggaagacct ttggtcgcag ctccaacctc atccttcacc 420
agcgagtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc 480
agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta 540
ccagtgtggg aaagccttca ccgaagctca aatctcattc accaccagaa agttcatact 600
ggggaaaaac cctacacctg tgttgaatgt ggtaagggct tnagccagag ctacacctna 660
ttcagcatca gataatncac acgggcgagc gccctacaa atgcatgagt gtgggaaagc 720
cttaatcagc gtctgncctn atcancacca gaggattaca ctggg 765

<210> 3543
<211> 734
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3543

gcttgnctnc tnccttttca aatngctnng ctactngttc tttntgcagg atcccatcga	60
ttcgaattcg gcacgagagt ggctggataa aaggatgtgt gggaaagaac tgagttgaaa	120
ttaggagtta gaattttatt ctttgggtact aaggaatcat tgaagatttt aaaattaggg	180
ctgacataat cagatttgag tttgggaacc tatagtttgg gactggagga agacaggtgc	240
cagacaccag ttaaaaagct gttattttct aagcagtaga caaaggttta cactgacaat	300
agctgtggag atagagaaaa gctgagagat ttcagagttt tccaagggtg aaacaactaa	360
atcttgtgat caaaatgata agggccatct aataagctgg ggaatgtggg atctgtcttg	420
gttgagttgg tggattaact ganattaaca gagctggagg aaatgtaaaa agaaaggcag	480
gattgttcat tttgtctttt gtttgtttnt ggggaacagg gtcaaaattt tcattctgcc	540
taangtaggt tttagtcttt ttcaaaacat tctagtaggc aagtctgtag ctgaatcttt	600
ggaagaaagg caaccattag taatatcttt tgaagttccc tacctgggta attttttcaa	660
taaaaaactn aggttctcag gttagcnaga atcatggtct taggaagggt ancttgtaag	720
acccaaaatt atnt	734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3544

gnnttttnnnn mnnnnnnttt taagntactg ctacttgttc tttttgcagg atcccatcga	60
ttcgaattcg gcacgagggt cttcaaagcc aaccaagaca ggcttagcag ttttagagct	120
tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac	180
cacgcaacat ggccatatatg aaccgcttgg catatggggg gaggggtact ccatttagag	240
aattcaagtg atttttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt	300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg	360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct	420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct	480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa	540
atacttatgc atagcatcca aagttaaaaag ggttgtgcac tagctcgaga ggaaatcang	600
aatggaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt	660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca	720
ttggaaaaca ttttctgctc cagcngggaa aacttatggt tacttggn	768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 3545

nnnnnnnnnn

10

<210> 3546

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (936)

<223> n = A,T,C or G

<400> 3546

ttangtgnac	nccctggana	accacttgnt	ttttntgcag	gatcccatcg	attcgagnaa	60
atngtcctgc	antcctatat	gcngaatttt	ntnmatatct	tgacccaaaa	taactggggt	120
aaaatatnta	gtngaaacct	tgtatatatt	ataaacttag	ctttgtaata	ttaagtatga	180
aagcagcana	natagatagt	ctcagaagaa	gaagaaaatg	tataaatnct	tggggagagc	240
tgtgataaan	ngactagact	tacctttgag	ttcctagccg	atccctacct	gacagctttc	300
ccagctggga	aaaatctgct	tgggcaaggg	aaagggggaa	tatgattatt	ggangaactt	360
cccaccttat	agggactggc	aagaggggat	acatgaccag	ggaatgaacc	ataaaaggga	420
gagaaattgg	acattttaaat	tttacangga	attaagatga	gatctaagna	taatttgaaa	480
gatttttga	naaagagcca	aatccgagga	aagatgtaag	gaaagtgatg	gggangggaa	540
aaaaaattat	gggatggtna	agactttcta	aagttaatgg	ggggaggaaa	tccaanggac	600
caccaagggt	aagggtttaa	gaaggggaaa	gganccaaag	gaattttaan	ggaacccatg	660
gttttttcan	cccccagaa	caggggagaa	anccaaangg	gaaaggaaa	ganccggaan	720
ggcttgagc	ccnccagggg	gggcttncac	cgnccttggt	taattcccc	accccncttt	780
ttgggggaag	ggcccaaang	gccggggtgg	aatccancgn	angggcccng	ggagaaatng	840
gaccanccca	tncccnnggc	ctaaaccacc	gggggnaaaa	ccccccctct	tnttacctta	900
aaaaaatccc	caaaaaaaaa	acccgccang	gggcat			936

<210> 3547

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3547

tattatacan	ctacttgttt	tttttgcnng	atcccatcga	ttcgaattcg	gcacgagatt	60
atacagttcc	ccacattgaa	gttggaaga	agatatatgg	agagcagttg	aagacataag	120
gggctctggg	gaacagcata	gttttgcttt	aattctccag	cttgttctca	gtaaggggtg	180
aaggagaaa	agaggaagta	tcgattttac	agacgtcaca	tcgtactgct	aagaacagac	240
agaaaacttg	ttgtaataac	ccgtacacac	tgtaggagaa	ctaaggaggc	ccctgggtgta	300
gcaatcattt	tcccaaggat	gacggattgt	gaggcaggaa	ggtgtgaaaa	gaggcagtc	360
tttatataat	tttggggttt	ccgctgagga	aacctgagtg	aactcacttc	agatgcattt	420
ggaatatttt	aataaaaaat	acttgatttt	ggctgctgca	ggaactgctg	gaagaaggaa	480
acaatcctag	aattggcata	aaaacacact	gactcattac	tcctctttgt	tactattagg	540
catcagagat	acatgttttg	ttgatttttag	ttacagaaat	gagacaaagt	tgaatctgaa	600
tacattggct	tncttgttca	aggagctcct	cttgatata	atagctattt	catgaaactt	660
ctttagagaa	caaccatgat	acttccaaca	agctatttta	gaaacaaaaa	ttatgctgga	720
tctaattact	cctaaaatgg	tcattttcaa	tgaatattgc	actgattct		769

<210> 3548
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(883)
 <223> n = A,T,C or G

<400> 3548
 gnnnnnagnna gngnnnttnn necntnttaa ccttttnacan ctcttgnctt ttagcangat 60
 cccatcgatt cgaattcggc acgagattta atcttccata agatntttcc tcagtgtctt 120
 ttactttctt ccttgcctac agattctttac cttgattgaa aagccatgtt aagtgcagg 180
 caaattcttt acgtctttat acagagatta acaatctctg ggtgatggga gcgttaagt 240
 attaaccttt gtcaactagta natgtgggag gttagaaaag tgctgccctt tttgggtctc 300
 agtccctcag ttctgcaatt acaggcagcc tcattattng gncaaatcta tgtaaaattg 360
 atancncata tccaattaaa aaggatggtn agnggcaaaa aaaaaagaga gagagattga 420
 ttatnaccta gtcttgata gcccacagg gngaatatag tccataataa ttggattggn 480
 cattggataa taactaaaac cntaattgga ttgtccgaac acaaatatta agcttgagg 540
 gatggatacc ccatcttcca tggacgtgga ttattactga tggcatggcc tatggcaaaa 600
 atatctcctc tngggcataa gcccacaaact aaggtncctc ccaggaatta aattnacca 660
 nnnngcctc cgagncctct taaaaaccta ttagngggag tccggtantt acccgtagga 720
 atncccgga ccttggaatn aaggaatacc catttggatt ggaaattttt gggaccacaaa 780
 ncccnccaaa cctttagnaa atggcccngt nggnaaaaaa aaaaaanggc ctttttaa 840
 tttgggggga aaaaaatttt ggggggnaan ggccctattt tgg 883

<210> 3549
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3549
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 cctggaggaa gctaaactca gaccaaggcc ctgggctccc caggagttaa aagggaatac 180
 gctgtcccaa gattctagaa tgaagagtca acgtagccc agtggcttaa acctcctgtc 240
 cttaaattgca agaaatgttt tctatcgagc cctggacagg tgtctctgct ggctgggggt 300
 tttcaacagg tcatgcctgc ctcagacccc agggacaaat gttcttccag ctctaactca 360
 ttctatgctt taagcttttg acctatcttt gttttcccag tgccacacca aatgctgct 420
 ggggatctct ctttcttctt gagttcccat ataagaagcc cccatttaa gaattcagtt 480
 ggaatgggtt gtatttcaaa agttgctttg caagttagtt atttggattt caagttgcat 540
 tttaccaggg taacaatatt ataattgatt gttaccttc cagagcaatc cagaaatgcc 600
 cacataaacc atgtcacacc tgaaccaccc tgagttcttc tatccttgaa cctcttaagc 660
 tttnccttaa ctctaacagg tctcatggtc cactcaaggt gtttcatgct tctcaantac 720
 gtccctttcc actgntgtct acctntntc caaacacac acaaaaca 768

<210> 3550
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 3550

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ctgtatttta	taactattaa	ggaatgttgc	agagaaatgc	tatcaattgt	taaaattttg	180
ccatgaatac	agcagcctca	ctgaattctc	ttagtagttc	taatagcttg	ccatttgatt	240
ctaacagggt	ttctatgtaa	aagatggtgt	catcttcaaa	caatgatagt	ttcatttctt	300
ctctttcacc	tcttaccttc	cttgtgtttc	tttagcattg	ggcaggctct	tcagggatat	360
gtgaaacagt	ggcagtaaca	accagacatc	ctggcctctt	tggttttttt	tccatgatga	420
agtctcactc	cgttgcccag	ctggagtgc	gtggcacgat	ctcggctcac	tgagcctcc	480
acctcccggc	ttcaagtgat	tctcctgtc	aaccccccaa	gtacttggga	ttacaggtcc	540
tgccactaca	cccgactaat	ttttgtactt	ttagtaaaga	cagggtttca	ccatgttggc	600
cagctgggtg	agaattcctg	acctncagt	atccacctgc	ctcgtcctct	ctaagtctct	660
ggattacaag	tgtgagccac	cacgcctgcc	attgnngcct	ctttattggt	cttcttgaaa	720
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<210> 3551
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3551

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ggtcaggagg	gaaagccaag	atggaaaatg	gatgggaatg	aatgaggaac	atgatgtggg	120
ttgggggtgt	aattcatggt	taatacaaca	tgtgtggctc	agtataacca	gattgtcata	180
agaagctcag	gcagctctcc	ccctctgttg	cctggggcct	ttcgcagtta	caataaaaagt	240
ggaaagatga	agaataaggg	caagcagaag	acacacacat	ttgcctgttt	ccctcttttt	300
gtccagattg	agtagatggg	aggcagggtc	gttacctcat	atgggtgttt	ataccagagt	360
caatctacta	gtttgcttgg	ttttataggc	gtgattccca	aattttgaat	ctgaagttag	420
ctgtcagttt	aaattcagag	ggtccgcagt	tgtttttcag	gtttttcttg	attctgcctt	480
tggaaaccag	gaagatgttg	aatttacttt	tcatctgaca	atattgcaca	tctgtgaacc	540
caactgatct	gaaagtgttt	acctcttaac	tctgtgaagt	tagctgggta	ttctggatgg	600
ctgggacaat	ggtgaggacc	gttataatgg	ttactctcac	ctgtgctcca	gacgctccac	660
ttggtgctag	aatcacagt	gaacaaacat	ggttcttgcc	tccacacact	tgagttant	720
agggcagact	gacgacatta	aaaagatcca	tcgggggtgt	ataat		765

<210> 3552
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3552

ttaaacccttt	tgacacccta	cttgttcttt	ttgcaggatc	ccatcgatc	gaattcggca	60
cgaggtgggg	acgagccctc	cccatcctga	gtccacaggg	agatccacag	ctcacgggagc	120
ctggccgagg	acccctccca	ccctgcctt	gccggccct	gcacatttag	gatatgtcc	180
tgggtgggga	ctgggtctgtg	cccaggccct	ctgtcccca	ggatgtcttg	tgggtgcgggt	240
cggccgttct	gccccccagg	gcacccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
ggtgaggctt	tgcaccccag	cccctgcccc	agccactgtg	aggggtgggtg	ctggctgagc	420
ccccggggca	acangagcca	agcangtgat	gtctttgttc	tcggctccca	cagcagaacc	480
aggtgagggg	gcgcctgcca	nggccagacc	caagtggggc	agcctgaacc	tgcttccccct	540
gtggccggca	tgccccgata	tttacacact	ggtgaccctg	aaagaagaag	gaggaaggaa	600
ccttgcnagg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtngcttgg	660
aacttggggg	ctgtttacct	aataaaaagtn	cccacaagt	ccctnantta	aaaaaaaaaa	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnntt	780
ntnnnnnttt						789

<210> 3553

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3553

ttgaacnatt	tganacctct	tgactntttg	caggatccca	tcgattcgaa	ttcggcacga	60
gataacactg	agaaaggagt	atggtatact	tggtttgaac	tgtgtgctac	actaccaggc	120
cccttcacac	ttatactact	aattttattta	aaatagatag	gtatcacact	gagaggatat	180
aaaaaaaaatt	tctgcctctt	cattttttgtt	tcttgtttga	acagaaaaaa	tgacaaaaat	240
attgggagta	cttctaagga	aaaggcaaca	cacattccag	ttaacacttg	gatgtgaaaa	300
tatcaatgaa	tattagaatt	tataagtcaa	actggctctg	ctcgctgatt	gcaattttta	360
gttacattca	ctattttgtg	ctaaatttaa	gtcattggta	tacgactggc	cagagtcctt	420
ggtttttaaac	attactgaga	actttatata	tactcttaat	gggtatttta	tataatgtcg	480
aatgaaactt	ttatttttag	attttttaaaa	aatattttgc	actttggact	taattttaca	540
ctaaattgta	tcagccagcc	taagggcatt	atgctaaatg	taaatctagt	tcttgggttaa	600
gctttttattg	aaagatangt	ggtgctgtaa	gttaatatat	tgtagtgaag	gtgtgggaga	660
aaagttaaatt	tggcacttaa	atcttanttt	tcaaggaaaa	cgtgtcccg	acatactgca	720
ttatgatgga	cttgtctcan	gtgaagtgaag	gaagtgaag	aatcaagtgt	atggc	775

<210> 3554

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3554

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ggtatactac	aatatgattt	aactgttatt	ttggggataa	atagtagaaa	aaagtgaaac	180
agaatgaagg	caggtgtttt	ttattctaata	gatggaataa	tacagagata	ctggacgac	240
tctagcagtt	aattattgtg	acccatataa	aattatacag	gtcacagtat	aattctctat	300

taccgntttt	acaccagtaa	gtcttagata	aactaagcat	gcttatgaat	tatgtataca	360
gtagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgctc	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacgggtg	480
ctcacgccta	taatcccagc	acttttggga	ggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaccccn	atctctataa	aaaatacana	600
aaattanccc	angtgtcatg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcggtttt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccna	aancctgggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aacaaaaaca	aaaaacatca	gantantggg	ttggngaagc	cnanttgc		828

<210> 3555

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

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ctcgccnaaa	canataggnc	ggggcgcat	acatgattct	gncttaacga	agatagaagc	120
atnttattgc	ataagttttc	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
aggggtatgc	atccgggtag	acgtttgtgt	gtggacatgt	gtgtacaggt	atataagtac	240
atgtgtcata	gccttggtac	aggtctcata	gccttgacgc	actgtgttcc	tgccgggagt	300
ggcatcngtc	tgcatgtctg	aaaatgccac	gtgtgcattc	tgctgatcac	caaggtnngn	360
ggctgtaggc	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgt	480
tgnttttaag	naccaannnc	gattgcccat	tgccaantac	agaanagact	tcntttgggt	540
agtacangna	tgagngactt	ctctcnnng	gncnnnctat	aatgaactnt	cngaactctg	600
acttcncgca	ncagtcncnc	ggactccct	ganctgggct	nnttcgctc	cccacanna	660
aatnangcnn	tncccatc	cccaaangnc	gncccccn	ctnccncccc	nncnccccac	720
ccnccnccnc	ccnccncccc	ccnccnccnc	cnnccnccnn	cncnccnccn	ncnccnccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

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cgcccagctc	cgagggttga	gcagccccgc	cgggcaactt	gaatttctgc	aaacgaacac	120
agcaccggga	gctctgcaga	cctgtgtcgg	cgcggaaccc	ggactgagac	atgccttttg	180
aacttctcag	atagaggaac	cccagtgaag	actgatcagt	tcttacaatt	ctcaaagcat	240
ggcccataaa	tatgtgggtt	tgcagtatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggt	gtcaatggca	ggacattccc	gttctaaacc	420
acatgtgatc	gccttatttg	aacaatggaa	agagcctgaa	gtgacagtga	ggaaagatgg	480
aagaagatgg	tgacacagat	aagaaagctc	cagtctacaa	acaaaacatg	ccagaagatt	540

tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgataca	600
atcggctgta	aagaaatgcc	cacctctgaa	aactgtccat	cttttgcctc	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
aacctgttca	catgaaagaa	tncatagtag	tgaa			754

<210> 3557

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3557

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agttgtccat	aaatatgtgg	ctatatctct	gggatctctc	ttttgttccc	ttggctctaca	180
tgtctgtttt	taatgggagt	atcatactgt	ttctattact	gtaattttga	tgtatatttt	240
gaaatcaaat	agtatgatgc	tgctagctcc	attcctttatg	cttgagagtg	ctttggctat	300
ttagggctct	ttctagtcc	atacaaat	taggtttatt	tttatgcttc	tgtaaaaaga	360
ggccattgga	attttagtag	agattgcatt	gaatcttttag	atctcttttg	atagtattga	420
catattaatg	attctaattt	cttgaatcta	tgaacatgag	atatctttcc	gttcatgtgt	480
gtattcaaca	aattcattat	tattattatt	antattatga	ttattatcat	tattattgag	540
acagagtctc	aatctgtcac	gcaggctgga	gtgcacgatt	tcggtttact	gcaacctctg	600
cctccggctt	caagtgattc	tcttgccctca	ngctcccaag	tagctgggat	tataggcacg	660
tgccaccacg	cctggctgaa	taattggatt	tttagtagag	acngggattt	taccatgttg	720
gccaagntgg	gtctngagcc	tttagaacta	n			751

<210> 3558

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3558

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gaattcggca	cgaggccaca	tagcaatggt	ntaactgcag	gactcaggtc	cacttgccca	120
gcagctggca	gggaagggcc	atgaggcagt	agagtcccta	caggccaaga	aactgagcag	180
aacccatgcc	tccagctcac	cagctgcatt	gaagcccca	gctggcaggg	agactgctgt	240
gaatggacag	ggtgagctca	tccccttgaa	gaacattgag	ggagaattgt	caagtgtctat	300
tcacatgacc	aaggatgcca	ccaaggaggc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctgggtc	agaatctggt	ccacaggatc	480
tctttcaaat	gtctcagata	atgctgggtg	tcaagggagc	cctcttgtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcaccagg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgttttg	cccgggcccg	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcgagcagg	anttaca				747

<210> 3559

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3559

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gattcgaatt	cggcacgagg	gttggttctag	gtagtttcat	gcggatgctg	acctaaacta	120
gaatgtagaa	attagtagga	aagtgaatgc	ccactagggtg	gaaacctgaa	agcacgggga	180
cctgcgatct	tgtttactgt	tatattcctg	ctgcgcagct	caggggtctct	atgtaaaaaa	240
tgagtgaatt	tatttttctag	ctggtgccta	caaaataatc	tgcaatgtat	ccatactggt	300
ttattaatgg	taacaaatga	accgtactaa	tatgagataa	taggggaaac	tagatatgga	360
gtgtatggga	attctatctt	tactattttct	ggaaacctaa	aactactcta	aaatagaagg	420
tttatgtttt	gaaagcactc	tgctcattgc	gctcttgtct	gaaaagtga	gcctggcctc	480
aagccacttt	gagtattttct	cttctgccag	ttaattatct	taccattgcc	tctcagtgat	540
attaagagaa	aacctatcct	taacattttt	cattactttt	taggttcaaa	atgagcctgt	600
ttggaacaac	ctcaggtttt	ggaaccagtg	ggaccagcat	gtttggcagt	gcaactacag	660
acaatcacia	tcccatgaag	gtccacgaaa	agctttctgg	ggcttgtagg	aagaagtttg	720
ggcagagttt	cttccatcaa	nggccagaac	ccgagatgac	cttggaacc	tcctttan	778

<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3560

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aaaaaagcca	tatggcatag	aaaaaaaaaa	ttctgtcttt	ggaggaaaaa	ggaaaaaagt	120
cccaggtttg	aagccagttg	tggcctctta	ctagggtatat	tattgagtct	ttcagctctg	180
tttcaaaatc	tagaaaatga	gttcagtatt	acctgtttta	atttgtgaat	aacgcattga	240
tgtacaccct	ggattcccta	aaactgtctt	aactgcgtga	gtccagtggg	ctcagtgcac	300
gagtctaaat	ccttagactt	ctatcagacc	ttctccccta	gcagtttcat	ttgtctttta	360
aatacaaaca	ttggacactc	atgcagaacc	acagaaatca	tgtagacaaa	ctagaaatta	420
tcgtgcactc	acaaattata	gcttccatta	ttaggtaata	catgctaaac	cctagcaaac	480
attaagtacg	tgaactccta	ttactaaata	gtaatcactc	aagtaaactg	gacaaaatgt	540
cttacggagg	gtcacatctc	atgtgaaatt	aaacctgtt	gcaggcagtg	ctacacctga	600
gattttacac	aggatattac	atttcttttg	cctttgtggc	aatatgtgcc	tgttaagata	660
ggctattaga	gaactgggca	atgagnaacc	ctacaccnta	aagtacaagg	aagnnatgtg	720
ccatatcagc	agattttttg	cttatcttagt	tagtaatgaa	tcctcaaact	ct	772

<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3561

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aattcggcac gagctcagct catgggaatn tgcctctcac tggtcctcac tgggtttatc      120
ccagtgacca attctaggat gaccagaaga atgattccac tgggcttggg agtgtttgct      180
ggtacctcta atctctngt anagttnatg gtacctgtgt gctctgtggc taggtcctca      240
gagtcagtcc ctgggcaggt actgtcagcc ttcagttttc cccacagact gtgttcctgg      300
gcctgaatcg ctcagactac atgttccagc gcagcgcaaa tggctcccca ncctgaaaca      360
gatcgaaaac aacaccatct ctgccagctt tgggggcctg gcctcccgga ccccanctgt      420
gcaccgggtg gtccctggg cagnccccgg catacctgtg gggtgacatg ctgatgggtg      480
tacagtcact ggctaggcca gggaactcca gctatgattg tgcttttctg ggccccgggt      540
cacatgttgc ccctgnccac cccgacagca gttnnactt gtaatgagat ccttggtatg      600
tcaaggagaa aaaggacctc atagctcacc tagtgctgtc ctccattgaa caggcagaag      660
gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct      720
gngcctggta catcatttct accagcattg atgctccagg ttcaatgatt t          771

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<210> 3562

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3562

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tcgattcgaa ttcggcacga gggacaaaaca gtggcaaaac aacactggct aagaatttgc      120
agaaacacct cccaaattgc agtgatcatat ctcaggatga tttcttcaag ccagagtctg      180
agatagagac agataaaaat ggatttttgc agtacgatgt gcttgaagca cttaacatgg      240
aaaaaatgat gtcagccatt tctgctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga aagtgtgag gaaattccca ttttaatcat cgaaggtttt cttcttttta      360
attataagcc ccttgacact atatggaata gaagctattt cctgactatt ccatatgaag      420
aatgtaaaag gaggaggagt acaagggtct atcagcctcc agactctccg ggatactttg      480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc ttntctgaagt gaattaggaa actccnagga gtaatttaag accttnacca      720
agatncatgt atactnggt acaatgacag ccatggttca tatggttgat ttttattgcn      780
catggt                                           786

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<210> 3563

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3563

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ttncgcaggg atcccatcga ttccgaattcg gcacgcaggg cagcncctnt atctngtnnt 120
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tcgcttanca naaaatgagg agagtcttgt ggccatcanc tttattgnaa gccgaaccac 240
tgtnagcaaa aataccaagg agaggncctga tcccactntt gnaanaaaaa gaaccatgag 300
ggccctgcnn aatncaactg gaccntgggg atactcactg aagaagggtg atctatattag 360
gaatgcaa atgtcttnta ccccagacnc cccaacaana aanacttggg gtgganggtg 420
anatatnca gcccaagna aacngtttgc atntntcctt nttgggtnga caaagacntg 480
ntnccanatn gtccctcaaag gtacataaat acanacatat gatatttggtg tatatataaa 540
cacatatgtg tagtaanac cncattttac cttggggnga gacttgaaga aacnccagcc 600
ttcttttctag agagcctctg cttctgggtat tnacctgtca caaaagccca tacctgggtg 660
tcaaaccctt tccttgtaac tganggagng catnttacga atatgggngt agagtaaagt 720
agccaagtgc ntatnggaaa atttaagcnn gaaaaannna attannaaaa attccnaaaa 780
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<210> 3564

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (676)

<223> n = A,T,C or G

<400> 3564

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gtctgtgggtg atttatgtgc atcagataag acaaccacct ctcccagnc cgtcagactg 180
gtctcataca ggagaaagat ctcaacaatg tatecngcca gagattttta gggcttctnc 240
aatctcaaaa acagactgct atatctcctt tttgtggccc actggagcnc ataatgtgnt 300
atgtcctgtc agaaccctca tgaatagnat ggtaggagca agactcttta gacatanctg 360
aaaagcttac ttggtggatg tgtgtatgca gntccttcta tcttcanggn gaagttganc 420
aaagatgttt atctcccact attctgtcta acccgaaaga natatttgct tccattcage 480
tgccctctg tcctggggag aaagtagngg aaggggcccc tctgtgtcac ctcttgnntc 540
tgnggctatc tctcantggn tctacactta tanctaata ttttcaagnt ctgtgcgggtg 600
gtgcctcaaa cagngtgaat atccatnaca ggtggggggg cncgaagggt ancataactc 660
ctcatatgan anntat 676

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<210> 3565

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3565

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aggtagactt atcaacgtgc attcagaaag tggttatgat tacaagaatg aagatatccc 180
agaggaattg acattgtcag aaaacttcac attaatcgaa ttctcagaga tgtctcacia 240
cattgaaagc acaaaaagatg aaatgttaga agctgggtgca cagtaaggat aaaggagtat 300
ggcagttcac caaggcatgg aaaagatgcc tgctccatat tgttaagtta tacagtgaga 360
agaaggaggc gaacatagtt cagactactc ttggtagggt tttacccaaa aataaaatat 420

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tttaagctca	atatttttga	cattgcaatg	tactttaaaa	gatgctggga	ttaaaggcgt	480
gagccaccgt	acctggccct	tgggtggaatc	tttaggggtt	tctattcata	catataaaat	540
catatcattg	gcaaacagag	ataattttac	ttcctccttt	ccaatttggg	tgcccttagat	600
ttcttttntc	tgccctaactg	ntctgtctag	aactcccagc	ctatgctgaa	tagagtggca	660
agaacaagca	tttgccttgt	tnctaaccct	agaaaaaaaa	tncttcaccn	tttaccattg	720
angatgatgt	ttgctgttag	tttttcataa	atgatctata	tcangctgaa	taaattctat	780
t						781

<210> 3566

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3566

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agagtcccag	gtacatatta	aagcaagcct	tcatacatgt	tggccctcta	tctaaaagcc	180
tcttcccact	cctttccctt	tacctggtaa	tcctgtttat	tccttagatg	cctgctttaa	240
agagatttcc	tttggtaaat	cacctgaac	cctcagacta	gtccagacct	ctctttgata	300
ttttcctctt	gacattcagc	atttatccca	attgaaagta	ataattacat	ttgtgtagtt	360
attagattat	ctgtcttcct	tagtaaaaag	taagcttatg	ggctgggtgc	catggctcat	420
acttataatc	ccagcacact	gggaggctga	ggcaggagga	tcacttgacc	ccaggagtgt	480
gaaaccatcc	tgggcaaac	agaaagatgc	catcaatacc	aaaaaaagga	aattagggtga	540
gtgttaaggt	gcaccagcca	ctctggaggc	tgangtgggg	ggatcacttg	agcccgggan	600
gtgggaggat	cacttgagcc	cggggaagtgg	gaggatcact	tgagcccagg	aggtcgaact	660
gtagttagct	gtgatcatgc	cactgcctnc	acctgggcaa	cagantgaga	ccgtgcctca	720
aaaaaaaaaa	aaaaaaactc	gagcctntaa	actatagtga	gc		762

<210> 3567

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3567

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gcacgagggg	aaagaaaata	actttgtgaa	gccagtgtat	tctgttttta	aaactgtgcc	120
tgcagtgcaa	tactccttct	ggtgtatttt	atccattatt	tcacttgctg	gtcgtcatth	180
cacagccagc	tttgacatgc	ccgtgaggac	aggagccgcc	gcttcagttg	tcactgcaga	240
gccatogtat	gtcagttgca	atttccatct	gaagctatgt	ctttgacttc	actttaagca	300
gaaaattttg	taccctgggtg	gtogagtctt	cccttaaaaa	ttgttaaate	atttggtttt	360
aatgggttcaa	taatttgggg	tggttccatg	gtgtttcttt	tcttcccagt	ttaaaaaaa	420
aactttttta	gcgtaaaatc	tttaaggggt	acacatttat	aagtctggct	aatttcta	480
atgctaatta	aacatttccc	attttaaggt	tatatacagt	gaggctcttc	aggacaatta	540
ttttctgggt	tgattgggca	tatgtttgcc	cgtgtaaa	cggatatgat	aaagtgtcag	600
taacaatgga	aaaggtccca	gaggcattag	gcattctaaga	ngatgccctc	agaaacgtat	660
tctggcttga	tttgtgttat	taacttcaga	agaacctttc	aaatgtccca	atategttct	720

tagtgctttg ggaaaaaata tttaacacac tggtataaaa tttgtatcag aag

773

<210> 3568

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3568

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ttgcttttct gcactagatt gtgagcacca tgacattagg gatcatatct ttncattgta	180
ctgttancta cacataacan actgcatgct atacgttggn aaatgttaan tnaatgaata	240
tcttcncagg ctagcttttt tgatcgcccc aacgcctagg ctagttttct ctcacctgc	300
ctcanantgc tgtggtgatg catcccgcta gcacctgcag agacancccn gntggtaatg	360
ttggccacag nncagctnt gctgccagtg cccatcgatg nggacatgga ggcggtccta	420
gcttcaagct gacggtgctc cctgctgat acanaaactc ctgattccaa agctcattat	480
tttggttagnt ttatgccttg tgtctntgta tcaccacccc catngntaaa gcctggtnnt	540
tatgtctgga gaangaaggc aatnggaggg aggaggccta atgngctcaa aatcacccct	600
ttttntatg aaagtgcctc aaactcattt acctgggtc tcanancctg aggaatgact	660
mnttttcttg cnanactctt tgggtntctca tttaaaatgg acccctgggg gggaatttct	720
tttcttcaat ctgacagaan ctaaattttg nccctgtnt caagggnaan caccaactgg	780
ggcttntact ngggg	795

<210> 3569

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(801)

<223> n = A,T,C or G

<400> 3569

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cgctcagatg ccagtcacaa gtcccaggcc tctcatactt ctgaccgact ggctacaaat	120
caggggttcc cactacctcc tcagattaga taatttgctg gataaaactc aggaaacatt	180
attattaagg gcacaactca gcaacagccc agtagaagag gtgcacggag caagcaccgg	240
ggggacgtgg agtttctgtg cctcctagg gtggcctcct gccagctca ccttgtgtg	300
tgcaaggctc ccgaatcttg tagtttagagt ttctgtagaa ctcaatctct aatcctttcc	360
ttttctcttc atttctcttc aggataaggg accggggggg cgggtgctgaa agttccacac	420
tctangcact ggggtctctg ggtgaccagc cccatccaga ngccatctag gagggctgct	480
tttaatcaca gcgttagcat taacagttgt gattgaaang ggcttgtttt gaacaataaaa	540
aaatatttct atctcaggaa atcccaaaga tataggaact gtgccaggaa ctagagacaa	600
agatgaaata tgtcttatat cacatttctt ttgaattggg taaagtgccataaagacaac	660
aaaaaataat attaacccnt ttatataaca cttgggggta ggtggttata aaataatcta	720
aaagatgaat ttaaaagtat tgggggagga tgtacatagg ttatantgcc aaatacctat	780
gacgttttat ataagggact t	801

<210> 3570

<211> 735

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 3570

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ccctccctcc	tctgtectca	tgcgccttg	tgcgtggtcc	ccagctgttg	gtgtcagggc	180
aaggacaaag	acccngaca	cctcangtct	gagtcctggt	gattgccagg	ccctggggaa	240
tgggggaaga	tgtggtcaga	ggctnttctt	gtgaccggng	caagatgtnt	cttntgctgg	300
accggcacct	tttgtttgtn	ccattggtgg	cagatgtgag	cnacatcagg	cgctttctca	360
gtgnatttca	cgagccacan	gtggggctna	tccaagccgn	ccagcanctg	ctgtgtgatg	420
agcaagcccc	acagaggnan	aagctgctgg	ctgacctcct	gcacaacgtc	anccataaca	480
tngcggacga	gaccnngnct	gatgaccccc	gtggnttgaa	gcttggagtt	ncgatttcan	540
agcangtntg	gctatctgan	atacanctgt	nagagccgga	tcccagagta	cctgagggan	600
gtgagctcct	accntccacg	gtgggtgctg	agnctaagag	gaattctgcg	gtcttgctca	660
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gtgttctgca	ggtct					735

<210> 3571
<211> 766
<212> DNA
<213> Homo sapiens

<400> 3571

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caattttcaa	tgaccatggc	acaaatttat	ttaaagctga	aatacttcac	ttctattaaa	180
gcagttggct	gggtatattg	tttttgctga	aattattact	ctaggaggta	aatctaggct	240
ttatttacta	ctttgggaaa	gtacatttaa	aggccatgaa	tcagaaacta	ggttaciaaac	300
gttaagactc	aaaggatctg	tatactgagg	cctatatattc	catgaagtgg	ttctctactc	360
tcagcaaata	tagtattgct	gaatgttgta	gcattataag	caggaaaata	atcttactgc	420
acataatcta	tccccacaga	aacctatgac	atttaggtat	tatgcaggca	tgtgtcttca	480
gttggtgctc	tccttatttt	aacctatggt	ccctataaat	acttcagatc	caaaagggtt	540
tttccacact	tcgttataaa	aaagtactaa	ctagcacata	tctgcatttt	attccgggat	600
ccacatctcc	aaaaagttga	ttataaagtt	tacagcaagc	atagaattca	aaatttcctt	660
ttttttctaa	atgaccaaca	atacaaactt	tctcatgtac	acacacatga	gaacacacat	720
gcatgtcata	cacacatcat	gcattcatca	cacaaagcaa	gcacag		766

<210> 3572
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 3572

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ntttggnttg ntnacatgag tttnatatgc atgcgcattt ttggatgcca aacacatagg 180
cagatgaaac taagaagcca gatgctagag atgcgagngc gatgaattga aactagccta 240
actggctcca ctgttgaggt cattngctca aactactcca aacttttggt tgntctactg 300
aaaacattan tnggaaaggt acagngntaa tttanggcng ggaagcctnn atcncgtgag 360
agtnaggctc ntntatgcga tgctggngang gaaggatngg agatgagagt nattttacgg 420
gcgcctatct cctcctcttn ctatcntgcc ctggactgcg anctcatctt tcatannctc 480
ttgcntgggt gtaggccag caancggatg gattttaagn atctcagaat tttcanttna 540
tcannmntca ctntcagagn tccttttntt tntcaagggt acccagtcta actggtttagc 600
ttcttttcaa tagncctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660
ctganttact ntccctcaac aaancattag ntgattngac tttttacncc tcattcngan 720
ggcnttagac cccttttggt cactttacnc aaggatgttg anacctanaa ttt 773

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<210> 3573

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3573

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tcgattogaa ttccggcacga ggnaaagctt catgttccgc acctggggggg cggatgttat 120
caacatgacc acagttccag aactgtcaga agataaattt ctgttggtct cagccatcca 180
gtttgtggta ctttgtaacg gcagccctag gaagctgatg cagggtgggag tgattcccct 240
gctccagaga aaggactgtt ttcacagaag aggcgatgct tgaactgaat ctgaagggat 300
caatgtggct tcccttgga aggcatggag tgaagggtgga gtatatccca agtggggagg 360
acagcacgtg acatggcgca gggcttatga aacaacatgc cttcttctct tcangtactt 420
aagctacatt agtaagacca gaacttagtg gtgagggttg aagctggctg gacaggcagt 480
taggagttag tcangcgatg gtgagcctcc gtgccagaac aacttgtagg ctgtggaagc 540
aaccgcgaaa gggatggcag cggatgatata tatagttgaa agatcactgt ctgctgtgta 600
gaggatggat ttggaagagt caccanagca ggaataagaa gttaaagggc ctgcaccagg 660
gctttagtag tagagtttna gaaagtcttg gggagaattg antcaccttg acctactgat 720
tcatttgga ngtgggaatg caatcatggg ggtaagtctt ctaagatagg acctttnaag 780
tgtanggatn 790

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<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3574

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cacacattcc agtagtttcc tctttatttg tccatgaacca agttgttagaa tttaaaggag 180
gtgaagtaag gcgatttcta tggaaaatat atttttcttc tttactcctc atgctgagtg 240
cataagaatt tattatttcc cctgaatgtt caaagtgggt tgtgtgtgtg tgtaaaagaa 300
ccaggagcaa acaatcttaa taggaatgtg cgaatctgtg tttatcttta gcacacttaa 360
ttagctacaa cccgggactg ttgccatttg aacaagttgt taagaaaatc tgccatgttt 420

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tgctcttttt	caaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctggtttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggatttcg	aggcactgga	ttgctttttg	netcc	715

<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3575

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cccaaaagca	aaaccctgag	gcagggatct	tggttgaagt	ggggagggga	tcccagaaag	180
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aatgagcagg	ttagcactgt	ggaccaccac	gctcaatccc	actgagacgt	gaggaagctg	300
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cttggtgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggcct	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaagt	caaggaatat	540
ttgcatgctt	tcaatactta	ctcatcaaag	ggtcgactcg	acttanaaga	aattacaaat	600
cctgcttacc	attttccagc	caatatgctc	acgttggcca	agccacagct	gcctttaaat	660
agtaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
tacgtagatc	ccgacntga	taagatcctt				750

<210> 3576

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3576

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ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
cccagagagc	aaggactctt	gctttttacag	aacacatatt	cttgtggaat	gagaggggct	240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tatttttccca	ttgcttttaa	300
gaaatgcctt	ttntctgggt	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta	420
cagtcatggc	aganggcaaa	tgggaagcca	gcactttaca	tggncanana	aggaggaaga	480
ganagagaga	ggcacgaggt	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	cacctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
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cgtnnntcca	nnentgatag	atnctnnt				749

<210> 3577
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3577
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 tgcgcacgga catcctgtgc aacctgcccc gctacaaggc caagatacgt gcttttcaac 180
 atgccttcag cactaatgac tgctccagga atgtctacat taagaagaat ggctttactt 240
 tacatcgaaa ccccatgtgt cagagcactg atggtgcaag gaccaagatt ggtttcagtg 300
 agggcccgcca tgcattggaa gtgtggtggg agggccctct gggcactgnn gcagngattg 360
 gaattgccac anaacggggc ccatgcaggt gccaaaggta tgtggcattg ctgggcagtg 420
 atgaccagag ctggggctgg aatctggtgg acaataatct actacataat ggagaagtca 480
 atggcatgtt ttccacagtg cancatcnca ccaaaatatc agataggaga aagaattcga 540
 gttatcttgg acatggnana tatgactttt gcttttnnaac gtggatatca gttctggggg 600
 nngnttttng aggactccaa agggctgggt attcccagca ntnnatgctg tatatggggn 660
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 natnctnctn nnangnnnga naaat 745

<210> 3578
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3578
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 cagctctttg ggaagctgag gtgggaggat cactcgatcc cagnggntgg agacttgcct 120
 gggcaacatn ntgcancctn ntctctaaan atatntnttg catngantng cccgncatgg 180
 tgggtgcacgt ctatagcccc agctacttca gaggctgatg tgggaagatc ccttaagcct 240
 angaggctng aggttgacgt gagctatgat ngcaccatta cctccagcc tgggcgacag 300
 ancgagactc cgtctcaaaa aaaaaagaaa annagactntn nncgaangga gacacgtnaa 360
 agtcttgcta attgtcataat ccactcccaa ntntagcmtt tctggatgat gnccattcct 420
 nctgcaatnn ccttatnate catctnaacn ttttgcaacc tatgaactgn ttcgtanant 480
 taattactac caatacacc tatgtacagg agcatangga aatcaanaan antgangaat 540
 tnnantctat taaaggccac nagaatggnt nacacctgta atcccaacac tntgggaggc 600
 cacngcgagt ggatcacctg agatcangag ttcgagactg gcctgggncaa catngtgaaa 660
 cccngtncc tactaatggt ncaaanatta ccaagccgtg gtggcacgtg cctgtgancc 720
 caagntnctc nggaagctgt agcangagaa at 752

<210> 3579
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (725)
 <223> n = A,T,C or G

<400> 3579

gtgttgaatc	nttctcncat	naaacncttt	ggaanaccac	cgattcgaat	tcggcacgag	60
ggtgattggg	ctggttctgt	accgggtgta	ctccgtgggg	ggcgtnatct	ggcaaagcct	120
tggaggtggg	actgtggagg	caccattgat	tgaactgtgt	cccctgcagt	tcacatgttg	180
aggcccaaac	cccagtggtg	gctgcatttg	gagtagggca	gtaattatgg	ttaaagagg	240
tcgtatgggc	gggtgctgat	ccactaggat	taggatcctt	ataagaacct	gccaccttct	300
ctctgccacg	tgaggacatg	gggagaaggc	ggctgcctcc	caccaggag	gagcccttac	360
tggacactgg	gccctggctg	caccttgacc	ttggacttct	agtcccaga	actgtgagaa	420
gtagatttct	gctgattacg	ctttcctgtc	tgcggcctga	gctaagacag	cggcgcttgg	480
ggagaagcag	aatttgagga	gctcctcant	ggcaggctgc	cctggccctg	ctgtcagcag	540
aggggaatgg	ccatccatgc	tggcccttac	cagccgggcc	ttcantgagc	tccccgggta	600
ggtgaanctc	tctaactctg	tgtccccgcg	aaacaggccc	acgagccaac	gcctatgggg	660
tggantgaaa	attangaaga	aacattaccc	ganggggtcac	tctnttttnan	aagacctcaa	720
tggnt						725

<210> 3580
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (737)
 <223> n = A,T,C or G

<400> 3580

nggtnagtta	at tttagcctn	gtgaactctt	ggaacnccga	ttcgaattcg	gcacgaggag	60
cagagatggc	cacagaagcc	agagaagctg	gacgaggcct	ttttggcaac	aaaagagtga	120
cttaacgcag	ttctaattgtc	ctacattttt	atgctcttat	cctgcagtta	caggataagt	180
caagatacac	gggtctacaaa	gaaattttgt	tctaatttta	taatagtaga	gatgggggtct	240
cactatgttg	cccaggctgg	tcttgaaactc	cagggtctcaa	gcaatccgcc	tgcctaggcc	300
tcctaagtgt	ctggattaca	ggcatgagcc	actgaacctg	gctgtacaaa	gaaatttatg	360
gcagagagat	atgctcttta	ttttgggggag	gtggcatggc	attatcaaaa	tagcatgggc	420
tttggaatga	aaaccttggt	gaccgtgagc	aaaggaagca	tcatttgctt	gtcttcaaaa	480
gagggatagt	gcaacttaac	ctgcaggagt	aatgagata	acaatataat	agtattttatt	540
aacagagtct	tgtgtgttac	ctatagtaca	tcaagattcc	atttctactt	tttttccctt	600
ttcactgnct	aaaagtttta	ataacntttt	aaataagatg	atggtatatc	aaaagccant	660
tataggctac	taaatatttt	taattatttc	ttaagaaaaa	aatttaagct	aaaagaacca	720
aatgggatat	ttttttg					737

<210> 3581
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (718)
 <223> n = A,T,C or G

<400> 3581

gtntttatcc	tgtctttgca	ntcgtaggac	cctcgattcg	aattcggcac	gagccctcct	60
------------	------------	------------	------------	------------	------------	----

tgcccagagc	aggcattgct	catccactag	gcacttcttc	ctgccaaggc	acctcttcct	120
gccaaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caaataaaat	caaacctatt	tgcctatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaaa	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgttcttca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatatct	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgcaagat	600
gtgttcctgt	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnattnnaa	ctnnnnnnnn	ttcttncnnt	ttncnant	718

<210> 3582

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 3582

tnncttaatc	ntgctcttgc	atttctgnng	acccatcgat	tcgccaagt	gaaaagactg	60
ctgtcagata	gcacttgcct	tccccatatt	attcagctac	tgctgacctt	tgaccctatc	120
cttggttgaga	aggttgctat	tttggttatac	catatcatgc	aagataaacc	acagttaccc	180
cgcctttatc	tgagtggagt	atttttcttt	atcatgatgt	acacaggttc	caatgtgctt	240
cctggtgctc	gatttttgaa	atacacacat	accaaacagg	ctttcaagtc	agaagagaca	300
aaaggacaag	atatttttca	gagaagtata	cttgggcaca	ttctacctga	agcaatgggt	360
tgttacttag	aaaattatga	acctgaaaag	ttttctgaga	tttttctagg	agaatttgat	420
actccagaag	caatctggag	tactcctggg	ctggcaggcg	aaccgactgc	ggaggcgcta	480
cttggactgg	aggaaaagga	ggctgcagga	caagctggcg	gcgacgcaga	agaagctgga	540
cctggcctga	gactctgcgc	cttccgcccc	ttctgtcccc	ctcatggcca	ccttgccatg	600
ttcgcgccgg	accccggtcc	cgncggcgcc	cagaaccagg	cttgccacac	agtccccgnc	660
tgccatggcc	ggntcttntc	ggaatgttgc	ttgttgaana	tgcatataga	ctacccgga	720
a						721

<210> 3583

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3583

attgggtncn	gctcnttggt	ctgctgcagg	atccccatcg	ttcggataat	acttgtggat	60
cttgatgcta	aggagcctgc	tccttatgca	tcaagaaaca	cataaccagg	tacagaaact	120
ctgcagagta	ctcatgagtg	gcaggaggag	ctgtaccaca	agaaggaagg	gctcagggaa	180
ggggacatgt	cttactcact	tgtagcttc	cacggatggg	atgtggcagt	gctcatgaaa	240
ggatcttgga	caagtgtcgc	agcagaacag	ccgtccccat	ttgttgca	cctcacatat	300
atttgagttt	tccggctaga	aggggagatg	tagacatcac	cgggatcagt	gagacccttg	360
gaccctagaa	tatgtgacct	ttttatgtat	caagggcaca	cttgtaaatt	tctgtcctca	420
aaatattaaa	gattgctgag	tggagatctc	agaagacatt	ttggtctgcg	gcaaagttca	480

gtagatagtg	gotgtgtgtc	aggccagaaa	agttttcttt	atgaaaccag	agattctgac	540
atgatgacta	gtgacaaaaa	taggatgaat	tagagatttt	ttgagcaatt	tattaaacag	600
ctgggaaaaac	ctggcccaga	aatagtgtct	tttctagctg	ctacatcgta	tnctttaaac	660
tgacttgnca	agggtgattt	actgagaatt	taatatgant	ggaataaact	tctgagatat	720
cnc						723

<210> 3584

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3584

tggtgcnnng	tccttgcctc	tgtnngctgc	aggatcccat	cgattcgaat	tcggcacgag	60
gtccaggcca	ataatcagtt	ggtaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tggatctcaa	acttttactt	taattgaaac	cataaaaaaca	tatattcact	180
caccaatgtt	ttatgcaggg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaca	aagggaataa	gttaaaacat	atactgttca	gtaatgccac	ctaattccatg	360
cgggatatgt	cccaggaccc	ctagtggatg	cttgaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttgga	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnnntc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnmntantc	cnnttaaan	540
tttcnnatnn	tttctnnnnn	ntcnnnnnnn	tcttattnat	ntnnnnntnn	cntntannnn	600
nnttttnnnn	ttcantnant	antctttttt	cacctnnnat	tnntcnnntn	tcntttntnt	660
nnnnntntnn	ntntntnttt	nnntnnntnt	ntnnnnantan	tnntntnnnn	ctcctntc	717

<210> 3585

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3585

aaagggnnntn	attagttatc	cctttccaat	cccgtaggat	cccatcgatt	cgaattcggc	60
acgagatgcc	tgccagctga	gaggcagttg	gattccnttn	gcngagcagg	catttcagca	120
gattcagcag	tcagagtgc	ccaagaaggg	tgcttttagt	tggagtttca	aaaggccata	180
ctgtaatagt	gaaccagaaa	tcaagcagcc	ctcagaaaaga	ctgaaacgca	tctacggatc	240
atctcaatct	gattgcataa	aggtgggttca	agatttatta	gtgcttttta	ctcgctctc	300
caatttttca	tatataatgt	ccagcaccac	atcaaaaaata	acccagcata	gatggagata	360
agacactatc	actaacacaa	tagaaataga	tccacaaaag	atttagatca	gggatcagca	420
cattttattat	ataaaaaggcc	agataataaa	tatgttatgc	tttgttggtc	acatacagtc	480
tcttgnatat	tcttttttcta	tttttgntct	ataaccctct	aaatatataa	aaactattct	540
tagcttggag	atcactcaaa	cactttctct	ggcataatca	ganatatctt	caaactatgc	600
ttcaaatgtt	caagggaat	aactgataag	attgaaaaat	tccanggaga	ngcacaanaa	660
gtcattanaa	aaaaaagccc	ctanaactat	agtggagtcn	tattaccgta	gatcccgcga	720
tggnataagat	ccattggtgg	agttcg				746

<210> 3586

<211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

<400> 3586

aggggttgga	ngaagccctt	tgaattccnt	cggacccatc	gattcgaatt	cggcacgagg	60
ttctgagcag	ttagtacgtg	gcagttgtat	tattagagga	agcctgtctt	gttttttttt	120
aaataagctg	atagagttag	gattctttta	atcaagactg	tttgggattg	aattgccact	180
cctgcttacc	agagtgtagg	cagtttttct	taaactttcc	aagaagactg	gtgtcctcat	240
ctaaaatacg	aaatgcttac	agtaattgcc	tcatgggggt	gtttgggggtg	actaaatgta	300
gtaggattta	ctacatagta	agttctcaat	acattgtagc	tattattatt	agttcggtag	360
aaagaatgtg	cagattctta	tgagttaaag	taggccttcg	gggagataga	ttgactctgg	420
tcttttaaaa	gttaattttg	aagttgcagt	tttgtgatta	agccttaaata	ctgttattct	480
ttccttctga	aatccttaaa	aacagaatgt	ttagtagaag	gtgataacca	gatttcttta	540
ttccaagaac	tctttgctct	catgtctaac	ctttattttc	ctggtactta	ctgatgccag	600
aagcttctct	tagtnaatat	aatacatctc	ctctctccta	atgtgtctcc	cgtctttcct	660
tgtaagggaa	aagtaaatat	actttccaag	cctnanggtt	atztatggat	tangtgaacc	720
actgaaat						728

<210> 3587
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 3587

ttttgaaacc	ctttatacaa	gctacttggt	ctttatgccg	gatcccatcg	attcgaattc	60
ggcacgaggg	cagagtaagt	acggtaattt	ctgcaccoga	atgggtagtg	ttgcctttga	120
agtagtcacc	ttgggaagat	gtatgtttat	tccagtgaag	ctgaccttac	acagaacatt	180
cctagaaccc	tcttttagaaa	ctgtcaactt	gtaagggtct	tcagtgttgg	taaatctttg	240
tcttttaagg	gtagatctat	tttttgagga	atgatttttt	tttttaacag	ctaaagagca	300
ttagaaaata	agtctgctaa	ataaaatggg	tgaagcagct	caggatgatc	ttggtgggca	360
ggaggagggg	ttggataaaa	cacaagggtc	gactataaag	ttgtgaggcc	tcttgccttg	420
catggcttca	aaggtaatcc	caaaggggaa	ccctaagtgt	tcttggcaca	tgcaacatca	480
agaaaataac	tccaattatg	ctaactcttg	agtgcatatg	ttctagtgtg	tttgggttaa	540
aagggtggct	tgttcatttt	cagtcattat	tcgtataagc	agaaatggaa	aactccatct	600
ctgtgatttc	tcccaangga	aagatctcat	ctactgctta	gagaattaaa	atgaaaagca	660
cttgggtgtc	tgtctacatt	agcccccccc	ccccccaaaa	tgtgccaatg	ggtaattcct	720
ggatacctga	gtcttncccc	tttnggaaaa	ntgggtnaag	gaccctntaa	aactatagtg	780
agtcgta						787

<210> 3588
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 3588

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acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agacaagact	gtgtctcaaa	120
taaataagta	agtaagtaag	taaataatcct	gtaggatatct	atgtgactca	aggctagtca	180
ctttcctatc	tatgctccag	ttttctcata	tttgagacaa	gagacttgat	tttagcataa	240
aggtgagagt	tgaagtaatg	agtgtgaaag	aggaaagggg	gaaaacatac	agagaagagc	300
agaaaacaca	agcagctggg	aggcagagaa	tgcagaaatt	caagttagag	ctgttggaag	360
atgtggtagg	ctgactaatg	gtgccccaaa	aatgtctaag	tcctaataccc	cagaacatgt	420
aaatatgtta	ccttacaggg	taaaagagac	tttggggata	tgattaatth	aaggatcttg	480
agataaggag	attagcctgg	attatccagg	tgagcccaat	ataatcacia	gcattccatat	540
aagacaggca	anagagcaga	atcagaatag	gagatgtgat	gaaggaagca	agagattgca	600
gggattccag	gaagggttctg	tgagccaang	aatgccagggt	ggacccctng	aagctgaaaa	660
angcaaggaa	aatggattct	tcttctcann	agcccttccn	cttaagggac	ccagcccttg	720
ccagcaaatt	tggccaactt	caat				744

<210> 3589
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (858)
 <223> n = A,T,C or G

<400> 3589

tttaaancct	taaacaagct	acttggtttt	tntgccngta	tcccatcgat	tcgaattcgg	60
cacgaggtac	ttcctaggag	tggttgcat	tgggaatgga	attgttaaaa	cttgatgctt	120
aggagcgaat	gcagactatt	cattgggtgt	ttgggggtgg	ggaagggggg	gtgggcanag	180
gaggtatgca	cnggagaggg	gntctgngct	nctcnnatta	ttgcacaacc	nctaaccatt	240
gttctataac	tgcatnaaca	natnataacn	gggccttncn	ngatntatct	taacgcttan	300
nttttncnan	atatanatgt	aactaatcac	tcncttttng	taatnancct	tnccntnntt	360
ttgtaagaac	gccnctcctc	tgmnactgac	ctttnttact	ccccccct	tgcncctng	420
accttcctgn	tntttctcac	gtngatngtg	gcanttnngg	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnnactc	tccacnatnn	ntttangatn	aaaaccnnct	540
nntnttncan	aaaancgttt	tnctanttnn	aannaccctt	tttannattt	tttnnaacaan	600
aanctnttat	ttttnttnc	catnctaacc	ttttacaaaa	ntnnnggtta	accccttttt	660
ttatataaaa	nctnnmtnnn	ttatnaanaa	ttaannanta	ttngtnaaa	nncccttttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	ancccnccn	780
tttnncncat	nggnnttgct	ctngcnttna	ncaatntacc	ttcatthta	aaaaangncc	840
canattnttt	tnnnacct					858

<210> 3590
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

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<400> 3590
tgtggtnana ngaactcttg caatnccctt tgcgntnncc gcaggatccc ancgatncga      60
attcggcacg agggccacnc cgcctgtgan gnatttnngt nnctntttnn tgnacctggc      120
atcctnnttc cttccccncc tngcnggcac cgcenaggac cgnccggccgg gggacgagcn      180
cggagcngcn gccaggtaga acnatanact anatagcact gaattaacct gcactgaaag      240
ctgngnacct gcattatgtg cactcatgan gnangtgacc ntgtcnnaag tgcaagtgca      300
agtccagaac cnatctgctg ntntnacngg gagccaaana ctgaacanga accagtctnn      360
acggtnacac ncnangatga ntatccctnn tacnactanc tcnctgccc nttgaaaatgc      420
nggtngaccc attcaaaaact tatgntngac ccatctncan atatgacatg caccagtgca      480
agntgnacaa aagcatancc cctctgtaga actaaagcac ctgtgcctna aacttgtaaa      540
aaaacccaat ggttttaaact cgggaaggac ccttaacnca tcnggantgc cngtttaacn      600
antaanntac catcatgaan aaggaggtgn catatnccac cnggggtann ttgaccccaa      660
ttgccaaatt ncccnnttta ctttatcaaa gtnggnanct ttntggnnngg agggnaannt      720
atnttnantg gcaaatacna naacnnccaa aagntncnaa aaaacnn                      767

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<210> 3591
<211> 732
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (732)
<223> n = A,T,C or G

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<400> 3591
gntnttttta accntaagga ancctttgat gcaggatccc atcgattcga attcggcacg      60
agggcaaata gccctaggag tcccattttt ttaagctgag ggaaataatt ttcaagaagc      120
ttgtcttact agtagcatca ttctttttta ctggctcaca gcttggaagg ggtgatggtt      180
tttcctatga aagctaacaa catttgagca gatccagtgt gctgggtgagt cacagtgaaa      240
gtgtggagtg ctaaggaagc ctctggtgg aaatgtaagt tcagagaagg tctgcagaaa      300
atacaggggtg aaatgttatc aaggagccag ggtattattt aagaagagga gggaggggaa      360
aaatanaaaa tcaaatacac taatagaagt aaaattccct attcagaaaa actagtgagg      420
gctgagctcc agtaatcaga gagaagtcta atcangtcac tactgncatg ggaggacata      480
gtcactctct ctttcangag cctatgaagc ttgcgagagc tcagctangg aataaggggtg      540
gccaganaca gcancattaa ctggcacaaa tctcaagggg cctgtggggc ctgaaaaaag      600
gaggatnaca ggacatgctg acagtaaagt cttcattctg tgccctaacaa ttttccactt      660
ncctgnngac tttcctcaaa tggatttact taaacttttc ccaaccttna acagggttaac      720
ttgcntccan ct                                                              732

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<210> 3592
<211> 823
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (823)
<223> n = A,T,C or G

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<400> 3592
tncnntttta tnccatcanc tcttgttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggggttc atgcagtaag atttgttgtt tatttgtaaa tagaatggta ttctatttca      120
aacttttaag acaaacctgt tgccgcaagg ctgatgcaca ttggatgatg actgttttct      180
ggttccagat cttgtctttg tgatatagga gttatggaat gagccctgga caggatccta      240
agatccgggt ttgttcctac ttctactcat taatagcagt ttgacattta atataggaat      300

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aatgttaact tgtcacttaa aacaagattc tcttcattctt gttttcaaga tttcaagatt      360
cttttaaaaa ttagcatgaa gtatgggata atgattgggg aggaagtatt tttaaaaagc      420
cttcttgagt ttttatgcat attacatttt tatccaataa aaaattcccc attgttttat      480
tgaaatggat tagttgtcga tcctctgaat tagacatatt ctttaaaaaat aagatccgtt      540
gtcagccatc taaaatgttt ttataaattc atacttacat tcttttttgc cggttgcagt      600
cagccttttag tgccaagaga gaacattaca gcatggatga atgcaattgg tttgatcatc      660
actggcctcc aagtgagtta ataattgnga attggactta agngatgaaa aacaagccng      720
ctgttnctct tcaggncctc agaactatag tggaggccgn ttaccttnat ncccccttg      780
aatnaggaat nccttgngg agtttggaca aancncaac tnn                                823

```

<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1035)

<223> n = A,T,C or G

<400> 3593

```

nncnnttnat tocatcagct cttgttcttt ttgcaggatc cctcgattcg aattcggcac      60
gagcaaagga ttgagagaga aaacttggtt ttattgaaaa ggcttgaggc cgtgaaacca      120
acagttggta tgaaacgttc agaacaactg atggactatc atcgcaatat gggctatctc      180
aactcatcac cattgtcaag acggggccaga tccactcttg gccaatatag cccattaaga      240
gcttcagga catccagtgc tacgagtggg ctcagttgta ggagtgagcg atcanccgnt      300
ntcccttcnn nngcatenta tntnaatacn tntccctntt ncnntngtte tgtntntttt      360
tatannnttc nnnccnntnt nnnccctctn tccctgtncn ntttgattnt tttantnttt      420
ntntttnnnc tcnttctnt tcnttttact atcnnatcnt ctttctntnt tctttntttt      480
ntantctnt tnnntccttt ncttcaent ntantncttc gctntttta cnnntntntt      540
tatttntcnt tctngtaatn tttcntttat atntntntnt ttcanntcnn ttaattcnnc      600
tctantnngt cctttccnta ttntnattng nccannata ntttcnatan nttctcntnn      660
nnnctnnttn ctatttntnn naattcnngt ntgtntcatn tcnctnctnc ttntnntnn      720
ttttnttna tntatnttt nntatcttcn ntctnncttn ntanatntta tctntntntc      780
nttctnenta taaactatac tnttnatctt nctcnntnt cntatcta atctncantnta      840
ttantttctc tantntntca tacctcganc nannctcntn acgntntntn matntnnnn      900
nnncttanna tnttcatnta anatattatn atantttatt tctnttctan ntntctcnnn      960
atanntnct nnantctant tncnttnnt ntatcntttt naangtattt tttttnanta      1020
tctantnnna tncec                                1035

```

<210> 3594

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(992)

<223> n = A,T,C or G

<400> 3594

```

cggngnngc gtnaacggaa ncccgncnnt tgccgatccc tcgattcgaa ttcggcacga      60
ggaactagtc atgccaggna ctaaattttt gggggcagtg agggatctgg tgcagaanca      120
acctgatcaa tgggacagga caggagctct caaaatagcc ataactgcat ataaacatct      180
agtatatggn taccacagta ttcaattcaa gggggcaaaa tagagacttt ttaataaatg      240
gtgttggaat aaattatagt tatttgntca aagagttata attttatgca ttccttacac      300

```

```

ccatgcacta gatgatcctc caaatggatt aagactgaaa tgggaaaaga aaaaaanggg 360
gggaattccc tatatcatct ggnctaagg gaaaaaattt tttccaacct atggacccaa 420
gttcccatat ggtaacctgg aaaaaattaa aaaaaccnng gacctcntcc tcctcntaat 480
aataatatta ataantnnnn aaccttttcc aatggggcca aaaaaaata aaatccccaa 540
tttaaatgga aggggnaaac caattaaaaa aaaggggaacc caaaaattaa aattaaaaan 600
ccanggggaa aaaaaaaaaat aatttgggga ngggaataat taattaattn aaccaaaaaa 660
cctnccccag gaaaattcca ttaaaaagga accattcctt naaaaaataa tgggaggaaa 720
aaaaaaaaatg ggaaaaaaag gccaccaag aaaaaaattt ncgcaaaaaa aaggnatgga 780
cctgggacaa cctcaaaaaa ggtattataa aaaaatcccc ttaaaaatat gtaaaagggg 840
ttnaacctca cacatactag ggaaaaatta aaataaaaaat tattccggag aaaaaagcca 900
cccacagaa tngacaaaaa agnccnaaag cctnggacaa nagacccttt tggccaaggc 960
tggccaggan gggaaaaaaa aaaaacnccc ct 992

```

<210> 3595

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 3595

```

nncnnnttta attncaatca agctacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgagc ttcttttcat ttttcttaaa ctaatttctc acaattttca tttttgtcct 120
gagacttgaa gggaaagtaa gttttaatct agaccatatt atttagttac atctaattctc 180
tctagacaaa agacagtctg gagagtactc tttagtctta tttattaatt ttgtctctag 240
attgagccag atttcccat gcatagctgg cattttattg gcctctgcag aattgctttt 300
tctggattgg actttggtta tccatatgaa aatctctatg aaattttaatt gctcgccagg 360
tgtggtggct cacacttgta atcccagcac tttgggaggc tgagggtggc ggatcaccag 420
aggtcagggg ttcgggacca gcctggccaa catggtgaaa ccccgtttct cccagaaaa 480
tacaaaaatt agctggtcat gagggcacac actgtagtcc cagctactca ggaggctgag 540
ggggaagaat tgcttgaacc caggagatgg aggttgcaat gagtgaagat cgtgccactg 600
catccagcct gagcaacaga gtgagatctt gtctcangaa aaaaataaat ttaattgctg 660
tggtatctgta aanggtgttt atcgtaacag ttcataatat tctatttnaa natgctgtgg 720
agaaattttt tntggancca gttatgcctt tntctggaatg ntggttgggt ttaccttaag 780
gccactnaat ttcagctgat ggtttttctg gt 812

```

<210> 3596

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3596

```

nncnnnttta atancaaaca nctacttgtt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct tcctccaggc attataatat taggttaatt tagaggagca tatttatatg 120
tgagattaca ttgtgttggc cattcaggag actgactgtg aaagaatcca aactttatat 180
ttctgccttg ccagtttttt ttcccttttc ttactccat ttgagacact cttgacctaa 240
tccagtaaac tctaattaat agtcttggtg aattctgttt caagccatcc tgagtgcgt 300
cactgacacc cgatctgttt cagtaaggtc aaattagcat cctttactat ttttctggca 360

```

```

tttaaatgaa tgacttttgc atgggttttc aagtgtttat agtaaatatg tccatttgat      420
ggaaatataa atatgcatta agtgtaagtg gctaggcaca ccctgctgtc actttttatg      480
gtaatcaagt gtcttttact ttctgttggt tttaataggg accagctgac aacgccacat      540
taaaaccaca gggactcaaa agataactcc cccacccctt caccggcac tgctttttatc      600
ttgcaaaagt attcatgttt ttctcttagt atgccaatca caccggttct ctgacatttn      660
cacttatgta ctcatgggaa ggaatgaatg ggttactcaa actgggacca ttgaatttgg      720
ggacacctgg tggactccac tggccttaag anctacangg ttanttgga acagtggggc      780
accgtgggtt gacttggcct tttntttgcc agnggggttt gggccttgan      830

```

<210> 3597

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 3597

```

nncnnnttta attccatata gctcttggtt tttttgcagg atcccatcga ttogaattcg      60
gcacgagaga aactacttct atgatttcag ctggagtctg aagatacttg tttctgttca      120
agtcccactt taaattatgt cttaggagac tgaaagtgga atcttctgag cattcctaaa      180
tatctgctta gaaatatcat gtgataaaga gggaccttct taatacactg atgttcttca      240
ctaaatggat ggccacaaga aaaataaagt aaatgtctta aataatttaa ccataaattt      300
tctgtcatgt gatactggaa tatgggatac ttttcatggt tatatatata tatatatatg      360
tatatatata tacatatata tatatatata aacatgaaat atatatatat ggctcctttg      420
tgccccatgt cattttcaga ttatggtagc atgctgatac agcaccatga aagaactcaa      480
ggaaaatata tcaatgtaag aagttcactc ttagaccagc tggttctgagg tcacatgggt      540
ttggactgtc tcaatcagaa agattaatga ctgttatcaa gaacatgaac attggcttcc      600
tccatagaga agaaaatcag tatctgagtt gcataccagg cagtattaaa aatctaacan      660
gtctgttttg cccattgata gatctcaaat ggngtctcct tctgggtatg gattttgccn      720
ttgggttacc tttctcaatg taatggaagt attttacaag ccaattggng gnggaaatgg      780
tgctcttgnc ttttctgnt tacaaactac tttcacattg      820

```

<210> 3598

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (856)

<223> n = A,T,C or G

<400> 3598

```

gnnnnnttta nttccaatac anctcttggt tttttgcagg gatcccatcg attcgaattc      60
ggcacgagga tagaataacc aatttaaaat gtcttataga taaaatctag aatgaagctt      120
tggtagaag tctgagctac gtacataaga ttatcagcaa catatatgtt aagggtggagc      180
catttaaaga aagaacagaa gggacctatg atttactgat tgttgaaaat caaaataaag      240
gaggcagaga aaataaagat tgtgagtcag caggactttt gtcttatttt caagtggatt      300
tattgattac ttttcttctt acagccaagt gcaagatttg tgaatgggag tttgaaagtg      360
agccactatt tctccagcat atgaaggata ctcataagcc tggagagatg ccttatgttt      420
gccaggatatt gcctttttct ccagggaggt ttagcagttt tgctctcagg aagaatacaa      480
agaatctact aatgaatatt gttgaccacc tactgcatac actcagttta ggaactctga      540
gtaggtagac aagaaatagt aaacacagtt tatcttcang gtttncatgc cnggagaaaa      600

```

```

acataaaaaag aacatgttcc ctacnaaaaa aatttttttt taattacctt gggcatngng      660
ggtgcaccac tgtagtcctt agcttacntn gggangcttg aaacaaggaa ggctcgcntt      720
gagcctcaaa aggataagtc cctaacttcc tcaaggaagg cttccggngg aanctatgaa      780
tcatgcctnc aancctgggg caacaagtgg agaattttgg cttnttttaa anaaaaannn      840
nnnnnnnaaaa ctcggg                                     856

```

<210> 3599

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3599

```

tttaacnctt tttanancct cttgatcttt tgcaggatcc catcgattcg aattcggcac      60
gaggaagaaa gcagatgcca ttttatctat tngcacatca ggactgacag acatgaaaaa      120
attggccaag tgggcagcag agtccaagct cgacccaaat gacccaaca atgccccctt      180
gatgcagctt atctcggttg ctaccagngg tgaatcctat gtccctgatt tcttttagact      240
ggagcagctg caacaggagt ttaactttgt ttcagatcaa gaattaaata gatccaaacg      300
atthaggtt cttcatctta gaagccaaga ggtgccagaa ttccgaaatt ataagcaagt      360
tccagtctat gaccgagaaa ttatggaaaa ggtattccag gactatgaga aacggttacg      420
agacagaaat gtaatagaaa ccaaggaaca catagacacc catagggccca tagtagccaa      480
gtacctncag caggtttagag aatcagngat aaatcgtttc ttaattgcaa aacaatattt      540
tntttttggc tgntatggat agnagaagaa gaagttccca atttcancat tttgggncta      600
agccttttca agctngccan aacaaaancn gaccactgng gncaaggnga aaaaggnggg      660
nangaangtg ancnccccca aancctngnn tnnnnggaga cntaaaannt ggctnnngaa      720
nattngnnnn nancttacna cnttccaann gnnnggaaanc nnnnnttnnn nmaannncaa      780
nnnccnnnnn ggntttnnng                                     800

```

<210> 3600

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3600

```

tnaacccttt aacaagctat tgttcttttg cacgatccct cgattcnaat tcggcacgag      60
gcggggcgga ccggaggcng tttccgttac tatggcaatg acggcaggga ctacaacaac      120
ctttcctatg agcaaccata cccgggaaag agtgactgta gccaaagctca cattggagaa      180
tttttatagc acctaatttt acagcatgaa gagagagaaa ccaggcagaa gaaattagaa      240
gtggccatgg aagaagaagg attagcagat gaagagaaaa agttacgtcg atcacaacac      300
gctcgcaaag aaacagagtt cttacggctc aaaaggacca gacttggctt ggatgacttt      360
gagtctctga aagttatagg aagaggagct tttggagagg tcggttggtt ccagaagaaa      420
gatacaggcc atatctatgc aatgaagata ttgagaaagt ctgatatgct tgaaaaagag      480
cagggtggcc atatccgagc agaaagagat attttggtag aagcagatgg tgcctgggtg      540
gtgaagatgt tttacagttt tcaggataag aggaatcttt atctaatacat ggaatttctc      600
cctggagggtg acatgatgac attgctaata aagaaagaca ccttgacaga agangaaaca      660
cagttcttca tttcagagac tgttcttggc cattagatgc cgatccccca gntgggtttc      720
attccntcng gatattnagc ccgacaaccc tttntttggg ttgccaagg gtcattgtaa      780

```

attn

784

<210> 3601
 <211> 772
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3601
 gnaacctana aacagctatt gaacttgtn gacgatccca tggattcgaa ttcggcacga 60
 gannaaaggt gtgagccacn gcgcccggnn tanntaagaa nnatnantnn gnncttgcn 120
 nanaacatct gtntnncaa cttantacna acaaatatna nnattaaacn cttcactttg 180
 ncttnnnaac tgntcnaaac actgncactt tggcttnaaa actgctccca caatntngct 240
 agcatttttg gngattcaac attcatgtca aaccaccaca ctagggtcc ccagttncct 300
 nattnactca ttgttgcatg cacanatttt ggtatgatct atctcagccg gtccactcc 360
 ttnggggatt ccttacacct ccaaaatttt gaattataag cntttttctc cnaganctcc 420
 ctcatnttt tacttatctt aatcattctc ntccaacanc acttnatnta ctttggaat 480
 gccangaat ccgatntctt nttcactcgt cattacctct ntgcctgctc tntctttctc 540
 tggntgttat ngaccagtt tagaggatgc agagtncttn aatataatca ctactttgaa 600
 aacatctca gctgttttg tctnttgac tttgcttggc aaaactcagn cntggctaaa 660
 actnttggcc atttgacct gcctcaaaca ctgngctgg ctacaaaca ntgctaccag 720
 catngactgg ntccacttng naattcggac cncacctcat gtaggnnctc ac 772

<210> 3602
 <211> 771
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3602
 ctaanncn gnngctcgna ctngccgaac naaanaggct nnggcgcac tgtagnaatt 60
 ggctttccgt ttgcatattt aaatgaactt tgtggctttt gtttaagtata ataaaaagca 120
 tggagtcaaa tataagccaa gagtattaca gagactttta ggctgactca gtatctcaag 180
 ttctgtgtag attcatctaa acactgctgt tatccatgct atactttacc atgttatccc 240
 aaaagggaat catcagcaaa ttttaccaga aactgctgaa ttcaagatat attcaatata 300
 tattatactt ctgacatcct aggaagccta tccaaagaat acattacttt gatagaattt 360
 gttctttatg aaaattcatt ttgactctca ttgataactt tattccattt tgggggagga 420
 ctgaggagtc agtgggatgg gaacagagct aactacaaag tctttgagtt tagatgggca 480
 gcagaagggg aaaggaagta ggccgtggga tatataagga cttttccaat ggaaaacaat 540
 tgtcagtggg acctctatga ctacttgttc aatttcagaa ttaaacttcc tgtatatattt 600
 aggtggaatc aagctgagtt ctagtcaaaa tgctcgcatt atttcccatg aaaaatcccc 660
 caaacaccaa gcagacagaa cagtgggtga taaacccatc atattccatt tctgaagaaa 720
 atcatcaagc cccaaatctt gtttttagaaa atttctcaag aactaattct n 771

<210> 3603
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3603

tgnnnnnttga	ttnnnngcnnt	tgtctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtttctttt	tttcagagtt	ttgctgctaa	gaaatatctc	ctcaacattt	gacttcatng	120
tggccaataa	tggctctctga	attgattcag	acattcacac	agcttgaaga	agatctaaaa	180
gatgaagatg	agtcattgag	aagcaccaac	aaagtaaaca	gaacgaaagt	ttcagtcctg	240
gatgcaaagt	gaccctcagt	gggggagata	ccccagagtg	aactcatctt	gtatttatca	300
gcttgcaaat	tcttggacac	agcgctttct	tttccacctg	acaagatgcc	attatttcaa	360
atttataggt	gggcatttat	tccagaagtg	gacacagagg	gccctgcctt	cctgtcggat	420
gtagaggaga	atcaccaaga	atgcaaacc	cacactgtca	ggattctaga	acttctaaaa	480
ttaaagtttg	gggaaatcag	tagctctgat	gagatcacca	tgaagagtga	attcccgcct	540
ctgcgccaac	attctgtttc	cagcatcagg	cagttgatgc	cattcttcat	gactctaaat	600
ggtgcattta	agaccagag	acagctgcct	gctgatagcc	caggaactcc	attcttggac	660
tttctgtcc	agatgcccaa	ggatcttaaa	acaactggga	agaatgcac	gnaatatgaa	720
tttctggaac	cn					732

<210> 3604
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 3604

ttnttttfaat	tttcnaatnc	ttgctctttt	attccgnagg	atcccatcga	ttcgaattcg	60
gcacgagggt	agcacaggcc	tgcccttgca	cccatgctgt	acagtgcggt	tactagactt	120
gtggccggtt	ttgtgctgtc	ttctcattag	catgcaatat	tcacttgact	gaattccttt	180
ttagctaaga	gaaatattac	agggcatgat	catttttaggt	tattaagggt	tctaactcaa	240
tatgtaaaact	gctgaaaaga	attatatgtt	tntatcagat	aatctcaaca	tttcaaaaaga	300
caacacattc	agactacttc	ccttttcccc	caacttttat	ctaattgntg	naacccccat	360
gactagtgn	cnaaanangn	gttttagtna	aattnnagtc	acccgtggat	nacaaangca	420
accctggatt	cccaatcctg	cttgtggggg	ggtttntnng	gccaaatnga	nttaattttc	480
ttgggcaana	aannttttnc	ttcttaccat	taccnggaac	cccantant	gcccaaaactt	540
ttggmnaatt	ttttttaagg	aaaaaaaaacc	tggaaatngg	gggttaaaatt	cttggnaaaa	600
ntnttttttt	tttaaaaaaac	ttncattttt	atttttaaaaa	aaaccccccn	tttaaacctn	660
gggggntcct	tttncctttt	tggaccttaa	nttaaatgga	anngatttgg	ggaacccaat	720
anantnaata	nnantatnmn	aanaananaa	ttnattnatn	ttntancnaa	ntaaaaaaa	780
aacccctttt	naacnttttg	gngggggcct	ttcccnnaaa	cccnanctta	tnanaannnt	840
tnntaattn	ggcaanct					858

<210> 3605
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1718)
 <223> n = A,T,C or G

<400> 3605

nctctaaaaa	tatctttttt	nattataaaa	ctttcnaaag	tcttatngga	cnttngggna	60
actccttaaa	aaacntccnt	naaaaataaa	ggngagntct	ttnttggggg	ncctcccaaa	120
nantttcna	tactctaact	gtcancnca	cnetcnacca	tcactcaaca	tntatntctn	180
tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tntcatactt	300
anagnngn	cn natatcacta	tactanatca	ctctnnnctc	atacaccant	ntncentatn	360
tatntctca	natctcattn	nttatntnac	natannctac	acncnntnac	atctaacata	420
nntnnataac	natctcannt	tatctnntnt	ncaannctcn	nntatcactn	cnattcattn	480
aannacttan	accnccnntc	annnnnnaca	ncnncaacntt	ancntntctc	cctannctna	540
ccctcncata	catattnnnt	anncnccnat	ccttaacntna	caantntcat	cctancnct	600
tcnactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccnca	660
cactcttntc	antaencaac	ctattcatnc	mncatnatan	tntntanntc	ncatacacna	720
ccccatncta	tnatcaancn	ntcantcctt	cntttntaat	catnnanccn	nctcnntctc	780
tatnatgnnc	tctgccccta	nnntatcctc	ttcacnaca	cncnactctn	nctnccanac	840
natcntnata	nacncantnt	cactntatct	taacatnant	nmanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctcnt	atntcctnct	atctcnatca	960
ctcctccn	ctcattacac	atctcttata	atctcnctat	ncncatntct	ntcatctctt	1020
ntatctctc	tatnnnactc	tcttatcnca	tntatcnaa	cattactntn	tntatanatn	1080
acactctcnc	atcncctata	ncactatntc	ncttnttata	tatntanatt	atcatcgat	1140
acntcnctac	tctcnatcac	tcatnatact	atanactnta	tnccncatat	cacanaacna	1200
cctntcatnt	ntcacactcn	ctntnntana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatctctt	ncattntntn	ctctatctnt	1320
tcnntcatat	ncgntntcan	atntnactat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tntctcnctn	anacnacata	tcttatatcn	nnatntcat	nacnnctact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatctcnc	ntttcatata	tanttacnac	atnnctatan	attcttatat	ctctaccata	1620
tactntcttc	tactctatca	ngtaantatn	ctaantatt	attatctcnc	ncantctctc	1680
tcacncacn	ctctatcnca	tcntntctcc	tctatccn			1718

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1015)

<223> n = A,T,C or G

<400> 3606

gggggntttt	aaannttntg	ggcttggttg	gttgaggat	cccttcgatt	cgaattcggn	60
acgagactgg	actaatatca	ttttaataaa	tattgctntt	tagcttcaaa	agacagagcc	120
tccagcatat	tattattatt	atagtaatct	gattcttttag	caattcagag	aactcacctc	180
attagtgtct	ccttgctcta	tctgggcctg	tgggaaaata	cccttgcatc	tttctatggg	240
natgggccac	nggancncca	tctgncctta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccntg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccngn	360
anttaaaggg	gaanttntcc	ccccttgntt	gtttgcncn	cccngtntt	ttacagnngg	420
gccgggtttt	aaaaaagana	ngtgnttntt	nttnaaaaaa	ttannatann	nntcnntttt	480
nggggccatn	nccttntntg	nnnnnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnnnnntt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggctcncat	cncaantnta	nataccccct	nnnttgcgnc	ncnananant	atgnnnncn	660
ctataantnn	ggantgttgg	nnncnaana	natntnttan	tnatangtan	tgtnnnntctn	720
nnnnctatac	ccnctgtngn	ttgtgcancn	ctcngtaen	ctnnnnnacan	natnngntat	780
aatanntngt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840

cggnnancgt	nactaacctn	antttancan	ctctctntat	naaancgtna	ccccgcctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt	960
cnctcgtatn	tntannttgc	gnnacannng	gtgnnmaann	taaaggnnng	cgccn	1015

<210> 3607

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3607

tggnnttttna	aatttttttnat	gcgttggttt	tgccgatttna	tcgattcnaa	ttcggcacga	60
gcctagtgtg	ccatcagact	ttcagcaact	tttatcatcc	agatagtcac	caaatagaaat	120
aaaatagaaa	aatcccttga	gcaatgaaac	aattgtgaat	gaacacaaaag	tccatgaatt	180
taatccttat	ccgtttgctg	agccaagcat	gtgcatctgc	agtgggtggc	ccaggctggc	240
agcacagata	ccaccatttc	ccttttcttt	gctcagggca	tggcctgttt	atctcgttgc	300
accagatgan	gggttggaag	gatgatgggt	gtggttgttt	cagatctact	gacagcaatg	360
agaaatcaat	gacagttgac	aggaagagag	gaccntcca	caggcaaaaag	aggaatgcc	420
agcaatcttg	gtccttgcn	tgcaatactg	gccttgaggc	caagtcagca	ggggattcgt	480
aagtcactaa	cttctaactg	aggcagggaa	agtaccatgt	tctggaaaan	gtaccaagaa	540
acnnggaatn	gangcagtgt	ancaagaagc	agattttggt	gcccaataga	tttgaatcct	600
ggttctgctt	cttntcttgt	agagtatgat	attgggtctt	ttntctncaa	agctnttntt	660
aaagacttaa	tatgtncncc	aaatcttttn	ggatgtctga	cttttnaatg	cttnacaata	720
ggnatttgct	ggnattatta					740

<210> 3608

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3608

tnttcnaant	tccnngctct	tgtcttttgc	aggattcctc	gattcgaatt	cggcacgagc	60
ttggaggctg	tttccagcta	gagaaagacc	tgcttatttc	tcactgaata	aggttccaac	120
aggctgcca	atcctgtgta	tgctgtacc	caaataggaag	gagtgccttt	cctcaattca	180
taaaaaagac	aaagacagt	gtagggatca	gctattatgt	cagtacatga	aaggaacccc	240
ctatctcaat	caaaatggta	aaggaagcct	gtctcaaata	acagcaaaga	aactcagttt	300
accagactat	aaaagtctct	tggtcaagaa	gataaaagagc	tctncagaat	aagaatacct	360
atacatgtat	ggatgtgtgg	aaagtcgaca	aaatgtgtnc	aagcaagttg	aattctggaa	420
actttgagtt	tagcaaata	gagggttaaga	aggctgttac	cgtatttgag	gaaccagatc	480
ttgaagggtt	catattccat	aataagtata	atatgaatat	taattttgna	atagaacagt	540
ttctacctgt	ataaaaagga	agccttaaag	agatngaagt	tagagattta	ctcatanggg	600
ggatgattgg	taactactta	cttatttccg	gaatntcaaa	agaccctant	ggaatngggg	660
gattntangg	ggaaaaaaat	ngacctcttt	tctcaaagat	gaaactgnaa	atTTTTTTac	720
cttaagaccn	ttgnaanaat	ggaaattacc	tttttaacct	tgg		763

<210> 3609

<211> 730

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3609

cgtntttcaaa	ttttnaactc	ttgtcttttg	caggatccct	cgattcggtg	gtgtgtaa	60
aaaacttttag	aaagggtcta	ttgaactttg	gacaggcaag	ctccatgagc	tctccctcac	120
tcttttgaggc	agggttaaagg	gtacggccat	gaccaccacc	ttaatccttc	agggactatt	180
tacaaaagat	tgaaaaatgt	gcccaggggcc	cgtacctgcc	cctctgtgga	actagcccaa	240
ctcaagtggg	ctggcaggca	agcctggcct	tcatggggac	agaagagaga	gtttgcgggg	300
agcttggcat	ttttcaacac	atgctttttg	gcttctccta	ctgnattgna	atttccatga	360
tatttgggtg	gaaaaatgga	cacccggnct	cttttgcttt	ttgnetgctg	cttttcagct	420
attggggatt	ctgcgccttg	ggataatgaa	gcangctgtc	atttncttcc	cctaaataat	480
gcattacaaa	gtggaaatgc	aaatttctct	tgcaagctct	aaataccagg	tggattttcc	540
ttaatatatt	gnttttgacc	tttggggaaa	ttgggtattac	nagctgactt	tggaaattaa	600
aatacatcaa	ggncctcatt	ttaaataaaa	caatcgatat	cttaattttt	aaatcagact	660
ngattcnatt	ccnggaaaag	acatncatat	ttgctttatg	nggtnaaagt	ttggaattca	720
ggaggacaat						730

<210> 3610
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3610

ntttgaaatt	tcgntantnc	ttttnttttt	gcaggattca	togattcgaa	ttcggcacga	60
gatacgatgg	ggtgcttggg	ggatggggcca	tggaggtccg	tgagctggaa	ctgggcacac	120
gccatcccag	agggctcagg	atgccccagg	aaggaaagaa	gggcaacaga	ctacacgatt	180
ggacgtgtgt	ggttgactgg	gatgaagttg	gagggagggg	cagggccttg	caggggattg	240
gtactgatcc	cagggaggaa	agtgttgggg	cttcatgaac	tangatgaaa	ggagccccctg	300
accatgacaa	ggggcacatc	caggatttnc	gccaccctga	atttagtaga	nctaatangc	360
cctggttgtt	actnttgggc	aaggaatgcc	gtnaaccttt	ganggtncgc	acccacttgt	420
gtgttgccct	cttgtntctgn	cggggaaaca	tncaccctct	gtcttaacca	ccaaactttg	480
cttgtgtntt	cancaanggt	tgncctttcc	caangactta	ctgnatgtac	ccngacccta	540
agccttgccct	ttcacatatt	nggagctttt	ggattcatnt	gactttgacc	ccntctgctn	600
tcacttgngg	cctgaactgt	tgatcaatgt	tggcanaatn	aaccnccttn	tnnanctaaa	660
gctactttac	catccatata	atgggattna	aaaaaaaaaa	aaaaat		706

<210> 3611
 <211> 885
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(885)
 <223> n = A,T,C or G

<400> 3611

ttnttcnaaa	tttcggantn	ctcmtttctat	tgcaggattt	natcgctcctt	aatttcggca	60
cgaggcaagc	tggagagctg	cagaggctgg	tagcgtggct	cagtccaagc	acagaggcct	120
cntnaccatg	gaagctgatg	gtataactca	gtctgaggat	gaaggcttca	gaacctgggg	180
gactacaggt	gcaagttctg	gagaccgaat	gctggagaac	cttgagttct	gatgtccaag	240
agaaggagaa	aaaggacttc	ccagctccag	aagagggaaa	aagcaaattt	ggctttcctc	300
tgtctttctt	ntctatctgg	gtcctctgct	gantggatgg	tncccaaaac	ttttgggtga	360
aggtagggct	ttcttaccct	gntcatggat	tcaaatacca	atctcttttt	ggaaacactt	420
tttccagnac	ataccccctt	naaataaaaa	tnntttancc	ttgtatcttc	ttnttaaaaa	480
ntaataaaaa	aattttttaat	attmntatnt	tnmntnttn	nnnnnccntg	ttnaanntnt	540
atttttntn	anngactnaa	ntcnntacnn	tnnctcttcn	ntannatnna	antntcnant	600
tnancttnna	ntnnatcttt	tntanntnan	ntanactnnt	tntannnctt	tnnatantna	660
ctatnttctt	tgtttantnt	cacanttatc	tnntctctnt	mntatgttnt	aattctactn	720
tnnnatattt	aaatgtcnat	ntntatctnt	nanaccatnt	tnnncanana	tnnttatcta	780
nttctananc	ctttatnntn	tnntctttat	tnntgtctt	gtntntatcn	atntntttat	840
ntnctnntan	tnctntantt	nttannattn	antanantn	tnccn		885

<210> 3612

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3612

gnntttttta	atccagctct	tgtctttttg	ggaccctcgt	tcgaattcgg	cacgagaatt	60
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cagatacctg	agtgccaaagc	ataataaaca	ggaaatatac	acttcaaaaa	agaaaaagaa	180
aatgaatgc	atacttatca	aatacttgct	gtaagagcat	taagtacttt	acataagtca	240
aatcatttaa	tcctcatgac	cctaagaagt	tatttttaag	atcttttgag	aatgagaaaa	300
aaggatgagt	aagggtaggt	gatctatgta	aaacaaataa	attctagtna	ctggcaaagc	360
tgagatttga	cctaaatcaa	tctgccagaa	gttctgagtt	attttccatg	tgctcacat	420
agcagaaagg	gagatggcat	aagcacatnt	caggcctaga	ggtaacatat	actctggcaa	480
aagcntaaaa	ggtctatgaa	attttacagc	aaggaaaggc	tatttctaac	aggaggact	540
cagaggaaag	gaagccaccn	tttaaagttt	gggtacctgg	aatnaatttc	ttaagacntt	600
tccccagatn	ggaggaccgc	gggaaagaaa	gaaanccttc	ccaggaaggg	ccaanccngg	660
agccatgggt	gtcaatgggt	gtggtttaan	gggcnngaaa	aaaattnggt	ggggaaaccc	720
cnacccccag	gnccngggaa	aaaaaannnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnanaaaanc	ctc					793

<210> 3613

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3613

ntttnnnnnn	tttagngggc	enttgcgntn	gntctttctg	caggatccct	cgattcgaat	60
tcggcacgag	caacagtcce	aaccagtcga	attagaccca	tttggtgctg	ctcmtttcc	120

ttctaaacag	tagatacttc	tgatggattc	tcggcattaa	ctcctgtttc	aaaaaagtgt	180
gaacagtttt	atgaatttga	aagaaaat	gggtagctct	ttatagcatt	cattcttaaa	240
gatcagtcca	gaatangtg	attctaaata	aacccaatng	aagaatgaag	tatctctaca	300
gggtagtaac	ttggattcct	cttcagggag	aaaaagggag	ccttaaattt	gcaagcctct	360
taacctaaag	gggtttcttg	gntnccctngc	cttttccaac	cccccnnaaa	tggnnaagtt	420
gttggggggcc	ctttncccat	tgnnnaaaaag	cccccttttg	ggacnntttt	ttaangggng	480
gngttanncc	cncntttnt	aaaaggggnc	ccntnggaaa	cccgttggan	ttttttggat	540
attcncnaaa	agnggcaatt	tttttatttg	ngcnntnttc	cccttcaaaa	anttangggg	600
gnaattttct	accataccnc	ttaagttnnc	acccttnngg	aaaatttttt	ttttaaangg	660
gccccntttt	taaaatttcc	cagacaaggt	taaaaaccna	tnttanttat	tntttnaaag	720
ccnttttnaa	aagggtattat	ttttngnnna	agggcnntaa	anttttnagt	ccttannccc	780
tttttttcnc	aaaanctanc	cnnnaattaa	ccgcnttttt	ggggcctaaa	anaactnggn	840
cattttttta	aaaaaaggg	ccntnttaat				870

<210> 3614

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 3614

ggcggtgctc	ccgnggaaaa	accccttttn	gggaaattcg	gggtagnnga	aaacnctttg	60
gggnaaacct	ccgncgcma	aaangcgcng	agnnnngngg	aacggngnnc	cacnngcann	120
nnnntnnggn	ggancccnng	gnacgggttt	nccncttttn	nancgngacn	ngngggcacg	180
ggggancngn	gcacnagnan	canaangcac	ggagccggcc	nnaangngan	agtaanncnc	240
ctaangaang	taganganmn	aaacatggnt	ncnccacaag	gcangagcag	caccttgggg	300
ctgctggnaa	gcccnnnatn	atgggggncn	ncttggacna	ngtncnggca	naaagggggc	360
gggggcatnc	naancennnc	ccctcnnct	nnngcaancn	cnnanccggg	naacccaacc	420
agngcgaaat	anccancggn	gcctntaatg	cgcnaaacca	ngggggcanca	cggagggncc	480
tnngcgcggn	nacaaggcnc	acccctngna	cacgngngng	gggnacnnc	cncanacg	540
agcnggcanc	gnancccnnc	ncatnanggg	acccctacnn	nnnngggggc	nnannntnng	600
cgnngggggc	acantaccan	nanacaccgc	gngcganaca	nnctttccaa	accacggacg	660
aaannaccnc	gggagnatan	taanaccnac	nnccaaanng	gnncangcac	aatcggaac	720
ccntgggnnn	ntnctnang	ggagcccgga	nnccccccacc	cagnntccnn	gananncaat	780
gnncnccnnt	cnannaccnc	nccntaanc	cnggggcnc	gngggnaang	gnngangccc	840
ccnnnacggg	ggncnttana	gnccctaaan	antnaccenn	ngnntncaca	aacnncaana	900
agnggcann	nnccctcggn	ganncaaaag	nnccgcaneg	cnnnnancnc	cnnnangntc	960
ntcngnncnc	nccacnnggn	cntccgncnc	gggagnncan	nggnnnnccc	ctnccctncc	1020
naaaagcngn	gcntcnnnca	accnc				1046

<210> 3615

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3615

agggctgctc	ttgttctttt	tcgaggatcc	catcgattcg	aattcggcac	gagaaaagga	60
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gccagaactt gatgattttg aaaattctca gcctttctgg ttggcagagg gtgatgaaat      120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggg ctaaagataa      180
agccaagact gtgcctttta agcctgctgt taagacctga naaggtagtg ccttagcatc      240
ctcttcagtc acactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg      300
agcccaaggt agaggtanaa gagttcctct tggagagatc tatgggtata gcttttgnct      360
attgcngtga gatatgcnnn aaatccactg tagctaggac tgacnnngaaa agaacngtnc      420
naaatgaaaa gagctgtcgg cacccttagc attctgctgg caggaaccag ctgagaaaagt      480
gctcangact acacatgccc ctttcatcaa aagggaaaga tgactcanaa gttggaagca      540
ngagcctaga natgaaggcc aaaagtcatt ggagaattct ttttccaatg gttgagancc      600
taattcangg aactttcaag nggtttgncc ctggctngga attcannaag tccagtattg      660
ggatcaatgg actctttttg nngccccccc caantttcct gggcctttcn ttttggtang      720
aaaaaagggt ttttnccctt ttt                                     743

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<210> 3616

<211> 906

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (906)

<223> n = A,T,C or G

<400> 3616

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gnnttnnttt ttctaagggc ttgctccttn tntttctgca ggatcccatc gattcgaatt      60
cggcacgagc ccacacntgc catattgaac cgtttctgca ctaatcttct ncacggggcac      120
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta      180
tctggnnaaa aangaacact ttttggaactt antgtaatng ctntngnccc tgtaaaaggc      240
aangctance nettaacttt cccanntnna ctttttnagc cagggaaacca aatgnaaagg      300
gttaatggtn tnncatggaa caggactact ttgcttcccc tttggnggac aaantttccc      360
tagaaacaan cttacccttn aaaacaccca aaaacnttcc caanccccc cntggnttgg      420
gcattagnga agcatggtnn gtncccaaac tttacccaaa aggggaacntt ggggagccca      480
ccctttntga cttcttgttg gaaattactt tntannngag gaacctggac ttggccttgg      540
antanaaaaa ccccttgtaa atttncctn naanttance nnattcccct taaaagacnt      600
ttntntttgg gaaaganttc atttngcctt gntacntatt tccctttttt tgnggtggca      660
ttaaatttaa ttttatttta accttggttt caaactggac caacatttgg gttttcttnc      720
caacttangg gaaatTTTTT gaanttcnaa aactgnntcg ccttttgaaa gancttngct      780
ttttttttgg naaaanngtn ttnggaattt gggtgtgtaa cnaantttc cntnttttgg      840
aatcccnnaa gganggggcn anatatcttg gggcaaaaaa aatnctnngg taccctttt      900
tggntt                                     906

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<210> 3617

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1235)

<223> n = A,T,C or G

<400> 3617

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ctaatnctgt aacctanntt tcttgaagcc nntntegenc taaactacnn tgnctnnggn      60
notcncctt tacnccaccc ctcacccccc tecttttnnt ctcggnngcc tccccccccc      120
ctcccnctn nntgcccnc nccctanccn ccccnennct tenncetegn cnntnctct      180
centteccnc ctncccccct tectcnctnt ctncccccct cccccccctc tccgcacctc      240

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tctntceccc	tencetgtct	ccccnccct	ncccttcccn	ttctctncc	ccnntacttc	300
cnctctccc	ncactccctc	ctctcnncn	ctnccntnc	tnccnctcan	ccccctctc	360
ccctctcacc	cnccttcccc	cnnnnccct	ccccctctc	tnnntctct	cnncccnenn	420
ctctctcttc	tccctnnan	nccccctnc	nccctctacc	ctnctccct	nntctccct	480
ncctacctn	accttccctc	nnccntecn	acnncanncc	tctntctnc	tcntnctct	540
cnctncttc	ctctnctta	tnccnnctt	ctccccctt	ctcnnctcc	tcctccctcc	600
nnctctctct	ctcntnnat	ccctctcttc	cnnccntnc	tengcnntct	ntctctctc	660
ttcatcatct	ctctcacatc	tctctctctc	tctctcnctc	tcactctct	tctctntttc	720
tacctctct	cnctctntca	ctctctccct	ccctctance	ttctctctc	ctcccccttn	780
tnctctnct	ctctctntcc	tctctcttc	ccnntctcc	tctctctctc	ntctctctcc	840
nacctctctc	tcccccttca	ctctctcccc	tctctctctc	ctccccncc	tnccctctcn	900
ccccnccncc	ttcnnngnat	ccccctctt	ctctcnctc	ttccnnccn	ttctctctcc	960
tcanctcacc	ctnctnccctc	ctctctcttc	ctctctctcn	atcccccccc	ttctctctcc	1020
ccctctatecn	tctccantcc	tncctctcn	ctcnncttac	tacacnctcc	ctctcccccc	1080
ntntctncc	ncctctatc	ctctctnatt	ctctcncttc	tccttntcnc	ctcttctct	1140
tctctnctc	ctctccccct	ctntctnct	ccctctctcc	ntctnccct	ctctctntct	1200
ncttcttnt	cnctctcccc	cnntctctc	ncct			1235

<210> 3618

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 3618

ggntatttna	anttttctaa	aagcttngct	actttganct	ccgtnggatc	ccatcgatcc	60
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cgctgtgacc	ccggagatgc	ncgccctggt	ggtagactgg	ctggtccang	tgcacgtagg	180
agtacctggg	tctggctggt	gacacacttt	atctggcggt	tcacctgctt	gattcctacc	240
tgagcgctgg	cccngtgctg	tntacatngt	ctgcaactgc	tgggcgtggg	cttgctctgt	300
tgtggcgctgc	aaaatgggaa	aagtgcgtgc	tttcnngaga	ccnacttnc	tnttgnntct	360
tgnnngcgga	nnntcttttt	ttannnggng	ggaactttat	tgnnctnccc	aaacnntngc	420
anttctnnnn	ncnccnctn	gaattttctg	ggcttnanta	ccaaannccn	gnnccganng	480
nttgatnct	tnccgacttt	tttggnncn	ntccttttnc	aangganatn	aaatcccccc	540
aagttgaaat	ntttancatt	gtgncanncn	taaatttnt	tgggaanctt	ggtanttttg	600
acttgganag	ncnccnaatn	gccnnnccng	ggattttgga	aaaccccggt	ttnnctnatn	660
ngcnnggttt	ttgngnnatt	tttttnnacc	cttngggngn	ccaannnnnn	attttggntt	720
tctaaaatng	gggggcctng	gggcttttca	atnggggttt	tcatagcncc	cannnaaaan	780
tntttttaac	aatatacccc	ctnanngngt	aaantttgng	gganaaacc	cctttttnat	840
aagncctctn	ttntnaaaaa	atttttntta	aaatggnnan	atcnntnta	tttttanacc	900
tntanganaa	attttctacn	tnaacatttt	tgtnatatan	nnggatnnnc	anaatatttg	960
gtnanccaaa	aaatatttta	tggtggacnc	cnaaaaaann			999

<210> 3619

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 3619

cnaaatacng	gtacntatct	tcncaaagg	nncetanntng	ccctaaanan	aatngngtnn	60
gggggttang	nccattttga	tgttacagga	tacttgtaag	tgactttttg	ccattctctt	120
ttgttaccca	tggcctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttgttga	catgtncac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaaggg	aacattnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnattttcta	ttacttcaaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnecc	tngtganttt	tacctttgat	480
ctacaangcn	ctcctttcac	nnttcnnggt	cnttcttaag	ntancegnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccentcn	tcnanttaac	cctcncctct	600
tgcnttgnaa	cccctcgccc	ccctcctcg	cnnccctttt	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnt	aacccccanc	ccctctncta	ccttttcttc	caaaaacgtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tnctacctc	tcaancctnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnnta	ntccatntnt	840
acactctccn	nanctactn	ctcncnnnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (959)

<223> n = A,T,C or G

<400> 3620

nngttntttt	aattttcnna	agnccctncgc	tttcaaacct	tgatcccat	cgattcgctt	60
gggggtgagtc	tcattcttcac	cctttcacca	actgtcctgg	taacaatctc	ccttccattt	120
ccttggttctt	acagcatacc	ccatagaatc	aagcctcggt	attgccaggg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatctaata	tttaccatat	tcttctactcc	actgaccact	ccaattagga	tactcctggc	300
actcctggnt	ttagagaggc	ttagatatgt	ggctatttat	ccttttggnc	ttnanactn	360
ggnttttgn	ttttanctaa	accnggannt	ttcctgggga	nccaaaaact	tgtnnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	ccaangcct	tgtgnggggt	480
ttttggccan	ncnaaggcg	ttantattnt	ngnncnata	atttttcggg	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	gggngnngatn	600
tttcttgga	taggccnctt	tggaacaccc	cccaaatnc	ttggaacagc	cgcgaataa	660
anatttgggg	nccttctctg	ggncntttct	ttaaaaanaa	nggcctttgg	gnancctttt	720
tnggggggaa	aaagntgggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaanaann	tncataaagg	nnaanaaata	acctttgggg	ngcccccttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaata	cccaggancn	900
tttggtttta	aggaanccnn	ttttggatcn	aaaatttttg	gggacaaaaa	anccccct	959

<210> 3621

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (839)

<223> n = A,T,C or G

<400> 3621

tggnnttttg	aaattncntt	agggcctgct	cttttcnaat	cngtnggacc	catcgattcg	60
tcctatttta	cgtggttggt	gagaggatcc	gatggaatga	ctagctgaaa	gtgtttgtaa	120
aagtcaggat	aagtaaagca	atgctgcagg	aacaaacaat	cccaaattt	cagcagctta	180
ctacaaaaaa	atatgtattt	ctcactcatg	ttcatgtcca	atgtgtgtta	gcaaggagat	240
actgtctctc	acagtcatgc	aagaccctt	gctggggaag	ctgcacctnc	atatatgctt	300
ctaccatcac	cagggcagag	gagagggagc	atggtggatc	atcaactggc	cttaagactt	360
tacttgngng	acatatgtna	cctntactca	tggntnatnn	ggccaaccaa	ttacatgggc	420
atagnctnac	tttaaaaagg	gcaggagaag	tgcaaactta	tcatgggccc	caaggagaag	480
agaatcanag	tatttctgaa	cagntttaat	ttttggccag	accttgaaag	tncttaagaa	540
attagcttcc	aaaaaatatt	atggaatatt	tttcaattct	tccaaagcca	gcctgggtant	600
ttnggattca	ccaaccggga	aaggctccctg	gnaacttctt	aaaacttggc	naggggaggc	660
cttttacctt	ggaatggtnc	aannaaat	anctcnattn	aaantttcaa	accaaggggt	720
caaaaattcc	aaccgaatgt	tnanccaant	ggggncccca	aacctttgaa	accccnngng	780
nnccncttt	nacttaagct	tacttgnnnn	accngaactg	ggnnnaaaan	ntnntccn	839

<210> 3622

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 3622

tnnnnnnnnn	aagagnnnnn	ntttgaanct	aatgctgggc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggcgg	ctggcggcaa	aacctctcga	tgagcccctg	120
cccgatgccg	cgggggagag	gccgngacgg	gaccgagaag	tgggctggga	gcagaggctc	180
cggatgtggc	nagcgaggcc	ggggcccatg	cngggaccgg	aaggggccc	ggagtggcng	240
gcacgccagg	gtcaggggtg	cggncgaggg	anggggccc	gggttnggga	aggggncng	300
gtgagggagg	ttaaacagcc	ttgcaggcct	nnggnaccg	atgttggacg	gcncngcng	360
natgtgcgag	ggcccgctcc	gcctctcggg	gcccaccccc	acatacngac	gctctgtcct	420
gacaactnca	tgctgccgac	tcngctcaag	ggcgctcga	tggaaccgc	tgaactggac	480
ttgctgactt	ccnacgggcc	ctggacacna	ncgntgccnc	tnggcccctg	gcattangtc	540
cnggngggcc	gaaaaggatn	ctggnagnnc	cggtnacagc	ccngcctttc	gggngacntn	600
ncttnnntgc	naacttcgag	ggggggatct	taaccttaag	gttccctggg	gngccctttt	660
ttttaaaaga	nnggaaaagg	gacnccctta	anggncccc	nttgaaaaaa	agggatntaa	720
acccttggan	ggcccgggg	tncaannngg	aaagaaat	tcaaaaaaan	cctcnttttt	780
taaaaaaaaa	aaccnnggg	aaacnctntt	tancccnng	ggnaanncct	anggggggnc	840
caantncccc	aaaagggncc	cccccttgn	aaaa			874

<210> 3623

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3623

agagnnttnn	tnnttgactt	tnatgcttgg	tctactngtt	ctttttgcan	gateccatcg	60
attcgaattc	ggcacgcagg	tnngatcctg	cactcnnttt	anngagccct	tgncnnaatg	120
ccntgnngga	gaggccgnga	gcgggaccga	gaagtgggct	gggagcagag	gtcgcggagg	180

tggcgagcga	ggccggggcc	caggcgggga	ccggcagggg	cccgggagtg	gcgggcacgc	240
cagggtcagg	gtgccgggcg	agggaggggg	cccgggggtg	gggaaggggg	cccggggagg	300
gaggtaaaca	gccctgcagg	cctcggggca	ccgttgctgg	gcggcgccgg	cggcatgtgc	360
gagggcccg	cccgcattct	ggggcccatc	ccccagacc	gacgctctgt	cctgacaact	420
acaggcggcc	gactcggctc	aaggcgccct	cgagggaaac	gcgctgaact	ggacttgctg	480
acttncgacg	ggccctggaa	ccacgtcccc	gtggcccctg	catcggtccc	ggtgccggag	540
agatcctgga	gcgcggccac	gcggccgtcg	gggacgtgct	gttgcaactc	aggggggatc	600
tncctaggtc	ctggggcctc	ttntcaagan	gaaggaccct	taaggaccat	gagaaggaga	660
acctgagccg	gatcaaggga	gatttaanaa	acctttaaaa	gaacangan	cccaaccng	720
gganccaagg	ccaagccaag	gccccttna				749

<210> 3624

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3624

agagnnnnnn	ttgtanctna	tgctggnta	gcgtnccttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcctccc	gacccccct	ctccccctcc	ccacctatcg	tcatgacggc	120
ctctccggat	tacttggtgg	tgctttttgg	gatcactgct	ggggccaccg	gggccaagct	180
aggctcggat	gagaaggagt	tgatcctgct	gttctggaaa	gtcgtggatc	tggccaacaa	240
gaaggtggga	cagttgcacg	aagtgtctagt	tagaccggat	cagttggaac	tgacggagga	300
ctgcaaagaa	gaaactaaaa	tagacgtcga	aagcctgtcc	tggcgctcgc	agctggacca	360
agccctccga	cagtttaacc	agtcaagtga	caatgaactg	aatattggag	tagggacttc	420
cttctgtctc	tgtactgatg	ggcagcttca	tgtcaggcaa	atcctgcac	ctgaggcttc	480
caagaagaat	gtactattac	ctgaatgctt	ctattccttt	tttgatcttc	gaaaagaatt	540
caagaaatgt	tgccctgggt	cacctgatat	tgacaaatgg	gacgttgcca	caatgacagg	600
agtattttaa	ttttgagaag	agtagttcaa	tctctcgata	tggagcctct	caagttgaag	660
atatggggaa	tataatttta	gcaatgattt	cagancttat	aatcacagg	ttcagatcca	720
gagagagtgg	attncaagtt					749

<210> 3625

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3625

agtnnttnnn	tnangaatcc	ttgctggnn	cgcgtggctt	tntgcaggtn	gcccacgat	60
togaattcgg	cacgaggcct	cccgaaccct	tttctcccc	tccccacct	tctcatgac	120
ggcctctccg	gattacttgg	tgggtgcttt	tggtatcact	gctggggcca	ccggggccaa	180
gctaggctcg	gatgagaagg	agttgatcct	gctgttctgg	aaagtcgngg	atctggccaa	240
caagaagggtg	ggacagttgc	acgaagtgt	agtttagaccg	gatcagttgg	aactgacgga	300
ggactgcaaa	gaagaaacta	aaatagacgt	cgaaagcctg	tcctcggcgt	cgcagctgga	360
ccaagccctc	cgacagttta	accagtcagt	gagcaatgaa	ctgaatattg	gagtagggac	420
ttccttctgt	ctctgtactg	atgggcagct	tcatgtcagg	caaatcctgc	atcctgaggc	480
tnccangaag	aatgtactat	tacctgaatg	cttntattcc	ttttttgact	tcgaaaagaa	540

ttcaagaaat gttgccctgg ttcacctgat attgacaaac tgggacgttt gccacaatga	600
cagagtattt aaantttgag aagagtagtt caatctctcg anatggagcc tttcaagttg	660
gaagatatgg ggnaatntaa tttagcaatg atttcaganc cttataatcc anggtttcag	720
atccngagag agtgnattac aagtt	745

<210> 3626

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3626

agtnnttntt tntgactcnt tgctggnnna gcgggctttt tgcaggaccc atcgattcga	60
attcggcacg agccccaccc attagttntg tgggcctgcc caacaccttc ctgggttcac	120
atccggccag acaagaaaga agccaaaaaa ctttccgtct accactgcgc ctctcatgc	180
ccaccccatc ctattagcct aaaatggaac gggctaatta gtttatttgt atagggaggg	240
gtttcagctg cctggacaaa accaggagtc cactgtccaa gcttcttctg ttttctgag	300
ctcagaagaa aaaaagtgtg ttagactaag ataataccgc cttttgaata tctcggcttc	360
atatttgcct ccatgagtga gagggccaag tgttatctgc aagttgaatc ttctatatcc	420
aaaaatctcc atcccttttt tctgccagcg cattcccaga tcagccgttc acttgcctca	480
agcctctata atctatgatt ttctttntct tttaacctgc tctttccatt ggccagttta	540
ttcatttctc agctacagct tcagaggggc tcaccttcng gcttccgncc caagggcatc	600
tggaggcttc agttctgntt tctctgctga gtcaggagcc agcccacttg atttggctcc	660
cgtgtatctt tgngtctctg ctcantctnc tgctagtgtg ccttgggtgc ctcatcaatc	720
tctttccatc ctggg	735

<210> 3627

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3627

agagnnnnnn ttttngncta atgctggmnt actcgggctt tttgcaggta gcccancgat	60
tcgaattcgg cacgagcccc acccattagt taggtgggcc tgcccaacac cttcctgggt	120
tcacatccgg ccagacaaga aagaagccaa aaaactttcc gtctaccact gcgcctcctc	180
atgccacccc catcctatta gcctaaaaatg gaacgggcta attagtttat ttgtataggg	240
aggggtttca gctgcctgga caaaaccagg agtccactgt ccaagcttct tctgttttcc	300
tgagctcaga agaaaaaaag tgtgttagac taagataata ccgccttttg aatatctcgg	360
cttcataattt gcctccatga gtgagagggc caagtgttat ctgcaagttg aatcttctat	420
attcaaaaaat ctccatccct tttttctgcc agcgcattcc cagatcaagc cgttcacttg	480
ctctaagcct ctataattta ttgttttctt ttctctttta cctgctcttt ccattggcca	540
gtttattcat ttctcagcta cagcttcaga ggggctcacc ttccgggcttc ccgccccaa	600
ggcatctgga ggcttcagtt ctgntntctc tgctgagtca ggagccaggc ccagcttgat	660
ttggctcccg tgtatctttg ngncnctgct cantctctgc tantgtgcct ngggtgcctc	720
atcaatctct tccatcctgn g	741

<210> 3628

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3628

agagnnnnnnt	tntancta	at	gctgg	natag	ctggg	ctttt	tgcagg	atcc	catcg	attcg	60
aattcggcac	gagcttg	att	aggtc	ctttag	gggcc	gaggg	actag	ccagc	tgca	caggtg	120
actggatggg	ggagggg	can	gtgag	gtggg	tctac	agagg	tggct	tcgcc	tttg	accttc	180
atgctggtct	cggctg	aggt	gacac	gctag	tgaca	gcccc	atagg	gggtt	acctt	tattg	240
agtaaaatac	ttcag	attga	cagct	caatc	ttagt	tttgcc	tccag	ttaat	ctttt	atgct	300
tagggattaa	atgtgt	gggt	tttt	ntttgt	nnnn	nttttt	tggag	acgga	ntctc	gntct	360
gtcaccang	ctggag	tgca	gtggc	gcgat	ctcgg	ntcac	tgcaa	cctct	gcctc	ctggg	420
ttcaaacgat	tctcct	gcct	canc	ctccc	agtag	ctggg	attat	aggcg	cccac	cacca	480
tgctgggcta	gntttt	tatt	nttag	tanan	atggg	gtttc	acctn	gttg	gccag	gctgg	540
tctcgaactc	ctgac	ctgct	ngat	ctacce	acctn	ggmct	ccca	agtgc	ggg	attacag	600
gcgtgagcta	acatg	cctgg	ccagg	ggatt	aaa	aatatt	ca	aacat	gttgn	gtgtac	660
atatgctgnt	aattt	angaa	aaac	agtnca	at	ttctat	ga	aatgg	gtggg	gactatt	720
tgtaantcaat	acatt	nggga	tat								743

<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3629

agagnnnnnn	ttgtan	ctaa	tgctg	ggtnta	ntctg	tnctt	tttgc	aggna	tcccat	cgat	60
tcgaattcgg	cacgag	cttg	attagg	tctt	taggg	gccga	gggac	tagcc	agctg	cacag	120
gtgactggat	ggggg	agggg	caggt	gaggt	gggtc	tacag	aggtg	gcttc	gcctt	tgacc	180
ttcatgctgg	tctcgg	ctga	ggtga	cacgc	tagtg	acagc	ccaat	agggg	gttac	ccctta	240
ttgagtaaaa	tacttc	agat	tgaca	gctca	atctt	tagttt	gcctc	agtt	aatct	tttat	300
gcttagggat	taaat	gtgtg	gtttt	ttttt	tgttt	ntttt	ttttg	gagac	ggagt	ctcgc	360
tctgtcaccc	aggct	ggagt	gcagt	ggcgc	cgatc	ctggc	tcact	gcaac	ctctg	ccctcc	420
tgggttcaaa	cgatt	ctcct	gcctc	agcct	ccca	agtagc	tggg	attata	ggcgc	cccacc	480
accatgcctg	gctag	ttttt	tattt	tttagt	agaat	ggggg	ttcac	ccgtg	ttggc	ccaggc	540
tggtctcgaa	ctcct	gacct	cgtgg	gatcta	cccac	ttggc	ctoc	caatgc	tggg	attaca	600
ggcgtgagct	ancat	gcctg	gccag	gggatt	aaaa	aatattc	aaaca	tggtt	ggtgt	accca	660
aaatatgcct	ggta	at	tttag	gaaaa	acagt	ccaat	tttcta	tgaa	atgggt	tgggact	720
ttctgtagtc	aata	ccaatg	gggat	atatct							749

<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3630

agtgtnnnct	ttgaaacctt	atgctcggta	tagctgggct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagagca	tgccctaaag	agggaccagc	tgtagtaggt	cagttttattc	120
aagatgtcaa	gaactcaagg	tctacagatt	ccattcgtct	cttagctcta	ctttctcttg	180
gagaagttgg	gcatacatatt	gacttaagtg	gacagttgga	actaaaatct	gtaatactag	240
aagctttctc	atctcctagt	gaagaagtca	aatcagctgc	atcctatgca	ttaggcagca	300
ttagtggtgg	caaccttcct	gaatatctgc	cgtttgctct	gcaagaaata	actagtcaac	360
ccaaaaggca	gtatctttta	cttcattcct	tgaaggaaat	tattagctct	gcatacagtg	420
tgggccttaa	accatatgtt	gaaaacatct	gggccttatt	actaaagcac	tgtgagtggt	480
cagaggaagg	aaccagaaat	gttggtgctg	aatgtctagg	aaaactcact	ctaattgatc	540
cagaaactct	ccttcacagg	cttaaggggt	acttgatata	aggctcatca	tatgcccga	600
gctcaatggt	tacggctgtg	aaatttacia	ttcttgacca	ttcacaacct	attgatccac	660
tgtaaagaa	ctgcataggt	gatttcctaa	aaactttgga	agaccagat	tggaatgtga	720
gaagagtaac	ccttggtcac	atttaattcn				750

<210> 3631

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3631

agnngnnnnn	ttttanctaa	tgctggnta	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagagcatg	ccctaaagag	ggaccagctg	tagtaggtca	gtttattcaa	120
gatgtcaaga	actcaaggct	tacagattcc	attcgtctct	tagctctact	ttctcttgga	180
gaagttgggc	atcatattga	cttaagtggg	cagttggaac	taaaatctgt	aatactagaa	240
gctttctcat	ctcctagtga	agaagtcaaa	tcagctgcat	cctatgcatt	aggcagcatt	300
agtgtgggca	accttcctga	atatctgccg	ttgtcctg	aagaaataac	tagtcaaccc	360
aaaaggcagt	atcttttact	tcattccttg	aaggaaatta	ttagctctgc	atcagtggtg	420
ggccttaaac	catatgttga	aaacatctgg	gccttattac	taaagcactg	tgagtgtgca	480
gaggaaggaa	ccagaaatgt	tgttgctgaa	tgtctaggaa	aactcactct	aattgatcca	540
gaaactctcc	ttccacggct	taaggggtac	ttgatatcan	gctcatcata	tgcccgaagc	600
tcaatgggta	cggctgtgaa	atttacaatt	tctgaccatt	cacaacctat	tgatccactg	660
ttaaagaact	gcatangtga	tttcctaaaa	actttggaag	accagatttt	gnatgtgaga	720
agagtacctt	ggtcacattt	aattn				745

<210> 3632

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1304)

<223> n = A,T,C or G

<400> 3632

gnnagcggtc	ncncttntng	gaaaccnttt	cnaantngct	ggggaacncc	gaaatcgcn	60
nnagggtcgc	natgcganc	gcaaagtc	acaaaaactt	cacttaagta	gtccctattt	120

ttactccagt	gcttatnnca	ttatctagca	gaatgtacct	tcattngatc	cactattttac	180
cantgattaa	agtggagcng	tcngtggagt	tatacgnnac	tnngnagact	tntgtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aanttttnatg	cctatagaac	atnnnnangaa	300
acaggagcag	gatcntngtc	tataatatan	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tcttanaacc	ancctanctn	antgctnccn	agtttttncn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcacnt	anctnctnatt	cccnantgna	naaactnnnn	480
ccccnnanan	ctntnntnta	gtcannnct	ctttaacnac	ntnnnnnatnc	ntnttannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnncnctt	600
nnctntttnc	ncttctnnct	aacatcacgg	ctatncgcnt	aaatnttcta	cactcacggg	660
tgananactc	ggncnacan	tctncgggag	nctatacctn	tcgcnnnnca	cagtntgcgn	720
tatnncncaa	taagaanaaa	atctncnctc	nnananantc	nccnttcctn	aaccannaca	780
nnntgnntct	catnnacnnt	ncgtaangcn	agtacncgcn	tantcancat	actnacatan	840
nagtntatcn	aactntncnc	ttctntnanc	tananaacgtn	tcacncttnc	ntatanaact	900
cntattanac	tcanaacnngc	tcctnngnga	tngtncctctc	tatnganann	nnnnccannnc	960
tanngnnnat	nactccgacn	gtacacctat	ataatagant	ctntacncct	ctattcatca	1020
gatnnanttc	tcanagannt	nnnnntaaca	ttatnccnac	tanacnatgn	tcancctna	1080
nattcggnnc	nctacacntn	ctacnccatc	tcnagcntnn	tacttctcac	aannnancct	1140
nctntacnnc	ntacanatan	tatcacanat	ccnccgnaant	ntntntncnt	cntagnngta	1200
canactncan	tctatntcta	cnnataaata	ntcctatcn	nctcanatcn	cnctnttant	1260
cngntacgnn	ntcgcannnc	nctcctcatc	ntntcngnac	ncnt		1304

<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3633

cnaaatncct	gctacttttg	atttccngna	ggatcccatc	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctgggtct	gttggacttc	agggtatttt	180
tctttttttg	taaaatgaaa	actacaaaga	aacctgaact	ttcaattttt	tatacatgta	240
attttctaga	aatctaggaa	gtcattttaca	catccttata	tacctgagg	ggcaaaaagta	300
agctttcttc	ctcccaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggtggaat	aggtgggtga	aatttcctaa	420
gtctgctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcatgtcccg	ggctgcactn	acanggtttg	gggcanaaaa	aanccaaaca	tttcaaccac	540
aggcaagctt	gcttntcggg	aacccccnaa	getgggtcct	gcgacagaat	ttggtnaagg	600
accttnacc	gnttgggtcac	tggtgcatt	tgnggccaan	accccccccc	gcctnattnn	660
gaggatttta	aaatttggan	tgggttgggt	ggccttgcat	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 3634

ctaccgcctt	atgntatcgn	nctttccnna	anananangc	tnggcgaatt	cggcacgagg	60
atctatctct	tctccctgcc	cattaaggaa	tcagagatca	ttgatttctt	cctggggggcc	120
tctctcaagg	atgagggttt	gaagattatg	ccagtgcaga	agtcnnancc	cccccccnnc	180
cnctcnncn	cnccctcnc	ncttccctnn	ntccccctc	ccnnntccnn	ccnnnnnnct	240
nancancncn	ctnacnct	cnncnctcnn	ccncccncca	ncncccnacn	ccaaccnnnn	300
ccnnncnnnc	ncaccanccc	tnntnncccc	ncnnatntnc	tcnnanccnt	acnncnctn	360
ttcctctctc	tcnncntcnc	cnccctttn	cacnctctc	ntacctcnc	netnctctcc	420
nnccnnccnc	ccctctctnn	acnccctann	acccccccnn	atacanctcn	ccnccnccnt	480
tcncccnncn	ntcanntcnn	tnntccnnc	tnnnnccctcc	ncnnnttttn	nantccaanc	540
nacnnccnnt	ncctctctct	ntatcnctnc	cttacctctc	tcctactcn	ctctcnctct	600
cnctctctcc	tcnccctct	ctnnctctc	nnnancctct	ctcncccncc	cncccttctc	660
anccttctnn	ncacacccat	tcnntacac	nnncnccncc	ctnnccctct	cacnnntct	720
cnctctctc	ncnnanncnn	netncannac	ncnncctccn	ctctannann	cnccnnncnn	780
ncnccnccn	cnccatctc	tnnctctnct	cntntnccn	tctcnntntt	ctntcnncn	840
acnccctctc	actnntcnct	cctccctann	ncanctcnnt	tctncccncc	acnatnatnn	900
accnccnnnc	tnccctnnnn	tnatccccct	tctcnctctc	nnntccanncn	cacnacttcc	960
ctcccnnttn	ctatcnctnn	cnttccnnc	netcttccnc	tnatctnttn	ntacnctcnc	1020
ctctcacctt	cacatcatna	taacnacaca	cntctattna	nnctcnctnn	ctancnctnn	1080
ntacnnccan	nnncnctcnc	acnnctctcc	tttccnccn	tctctnctnn	catctnnnt	1140
nantctntca	nnctctctnt	ntnctcttn	actctnccn	nctnnccnna	ctntctatnc	1200
nnccacnaat	cancatcnct	cctctctnnc	cntctntctn	nnctctntac	tnancacatn	1260
tnctcnctnt	tctccct					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3635

gnnnntnnan	ncnnnttnc	aaatngctag	getactngtt	ctttttgcag	gateccatcg	60
attcgaattc	ggcacgagge	tgtttccctc	agaaaatgaa	gaggggaagga	tggtcangg	120
aaagttaatc	agagggaaaa	tgtaactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggcac	agtgaanacc	acttaaanac	aaactgaanc	ctatgaaggn	240
gcctgctatt	tccccagagc	tgaaaagata	agtgaatng	tgtatgaact	cttaagtggg	300
ggtgaagcag	aatttattag	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttcccatat	ggacaaaact	ttctctttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggacctttga	acgtactcat	gcccaggtct	actntattca	tttatntttt	tgtnnagatg	540
gggacttcaa	ctcctggtct	caaagtatcc	tnccacctcg	gcctccctaaa	gtgtgaggat	600
tacaggcgtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcctaggtg	ggtctaatta	720
atactcggat	tgagaacctt	gtacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccgatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccgtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcatcagcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccgatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccgtctgc	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngettnng	goccaancat	60
ggnnccntnt	aagtaagatn	tntnnnnngg	agctgganaa	tcagnactgt	cccagccgat	120

```

gggtngttcc nactgggagc anangaagcc ttgaggacct actcacanat angaattgaa      180
gattatcttn aaaacaatct tccactantt ctgacnatac ttggagcctg ntccacgtgc      240
atnccacctt gggaagcctc tncaaagagc tttcngagct nacactgaca gntncanttt      300
ccncanaaac ccacnatagc ctngctgngt ctgtctnccc ggcangagtc catnctcact      360
gccgggacac tcatnacant ctccacgntc tncctcttcc cancctgnat ggagcctecn      420
nggctnnnga acgntnccca agtcaatnct cacnnatncc ngnagctgcc tntnagcact      480
nntcttggcc canctccctc cttgacanaa tcatnaccca ncatgacncn cactnngeca      540
tnccnntcna canttttttn tentcattnc atnttntctn cccatngnna cntcnaaacc      600
nnctagtana cccancant ctcgnnatct ncncaacng nncancnana cntttgntct      660
ttntncmntn tgatcntcca cctnntcttn tctnmcnatn tncaataatc ntaattccta      720
nacatnctac tcttaaant ccttncttta nnttcccaca catctgttna tacntatccc      780
tnctnccca tgnntnnnat ctcanntccc cnngncctnn annatnttac tcagccctnt      840
cctttatnna nntcnntnca ccncggnagt nnnnccatan cnnanatttn nncancacan      900
cncctctntn ttttcaaacc tncncccg      928

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<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3639

```

gaacntatct ntgtgtagct cgnantnccc taaatanaat aggctgggng aattcggcac      60
gagagtgagt ggtcttacca aaaatccagt atccttgcca tccttgccaa atcccactaa      120
accaaacaac gttccttctg tgcccagtc tagtattcaa aggaacccta ctgccagtgc      180
tgcaccattg ggaacaacac ttgctgtgca ggctgttcca acagcacact ctattgtaca      240
agccacaagg acttctttac ccacagtggg cccatcagga ctctatagtc catcaactaa      300
tcgaggtcct atacagatga aaattccaat ttctgcattt agtacttcgt ctgctgcaga      360
acagaacagc aataccaccc caagaattga aaaccagaca aacaaaacaa tagatgttc      420
tgtcagtaag aaagcagctg atagcacatc acagtgtgga aaagccactg gcagtgatc      480
aagtgggtgc attgatctca caatggatga tgaagagagt ggagcttcac aagaccccaa      540
aaaactaaat cacactcctg tatcaacat gagttcttct cagcctgtgt caccaccatt      600
gcaaccata caaccagcac cgnctcttca accatctggg gtgccaacaa gtggaccatc      660
ntcagaccac catacactta ctacctacag cttcaactac ccngaatgt aacacatcgt      720
ccagtaactc angtgacca caagaatncc ctgtaccaag agctccttnn aaaccaccan      780
n      781

```

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

```

ctaacnaatt antgngnang ctctncttn ccgaacnana nnggcggggg cgaattcggc      60
acgagattta gtcactagct ataatacatt tagtgaacaa atgtagtctt gcactaaaat      120
tagagaatac ctatcctttt caagaatata taaaataatg accatatata taccacagag      180
taagctgcaa ccaattctag ataacttaaa tacagaccat gtttggaat ttaagaaaaa      240

```

```

aaaacacatt tataacttgt ggatcaaaaa agtcatagaa cttagacaat acttgggaact      300
gaatgtaaat acaaatgcta ttaaaatttg tagtatgcag ttaaacagga cttgtatacg      360
catttatata tctaaatgca tgtattagta aagaaaaaca aatagaaaat taagtttcca      420
actgaaaaag ttagagaaca acagatccat cagaggaagt agacagaagt tataaagagt      480
tataaaggta accaggcatg gtggtgcaca ccctatagcc ctagctactc ngnangnnnn      540
gnnggtnncn aggnttgctt gnnncnnga atccnacngt cnnnncngnc cnattgatcg      600
gcnnctgcnc aatngnnctn cttctancct caccctngg tcnaccatan ggnganncan      660
nncatactcn tcngcacanc ctatttcctc nananggtng gntcctcnn nnnatcttnc      720
ncnnctctc anctancttn ncatnttnc tanntcnant cctccatatt ncnnctcnc      780
ccnactactc gntnacgnet cnnctttctn caanannngn gancctntna nnnngcaaca      840
tncntcngtn ccncnnctn nctnnntnn nccncttct nctctctnt ttcnnngcan      900
annccantn ngntcntcn ntct                                     924

```

<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 3641

```

ctaaaanaag gtngggggaa ttgggcacga ggtcaggctc tgctggacac tgcattgtcca      60
aacgtcattt taccatgtg ccagcgacaa ggtagattcg cttgtnccaa ttttgcacat      120
aaggaaacag ccttagagag gttagggttg ttgtgcaagc ccagggtagg tggcaccag      180
tctgccagtc tgcaacgcac tggatatctn cagccagtag accttgctcc ctgggtgccc      240
agttctggat ctgaggaaan gtggattaag gtccttagtg gcgggacctg ggtggggatt      300
tgctgccctc tgggtggcaga agggacatca ccctgggtgt gagacttggt ggcattctgtg      360
aggcggtctt tcatccnan ggaagccgga cctcaaactc gacctcagcc ccaggaaggt      420
gccancanga nggtgccacc tangagggtg ccaccagggt tccgccnggg tctgctgggg      480
ccctgctcca tcttgnntga nncacataa cctcaagct gtcacnagac ccagggnntn      540
actgtctggg ntttganncc tgtgnnngcc cctgagccn atttgncttt ntctcctctt      600
tggggccctt canntttccc nttttcantt tannanttct ncnanttna ttaannctcc      660
cnggggccaa actntatncn taggaaacnt nactnctn annaatttaa atttatntc      720
tacacttcaa ctctnccatc tnnnaactgc cttnacnca atntattcn tctnnnnct      780
ccnctntcta natcatcnnn tctatctct tatatntca ctnnnctnat nanaaaaact      840
anncngtgcg tctttcntta gaacnctt                                     868

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<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3642

```

tnnacaattn cncntgctac tcgttcttcc cgcaatannn nntgctnttc gaattcggca      60
cgaggccagt ccctggacag ctncgacgcc atgaatatnt tgcccangaa gagctgncac      120
gtncggaaca nggacaatgt ngncgcgtg cggngtgacg agggccaggc ccggnaggag      180
gagaaggagc gtgagcggag ggtgctgntg gctcancaag agggccgtnc anaattccta      240
cngaagaaag ccanacatca gaactcactg cctgagcttg aagcagcaga ggcgggagcc      300

```

ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtnCGA	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tggggccanag	tgcacngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcgggtgatn	aangcagtnn	cagctnaaaag	gaaaaggacg	ggctcnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataagc	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gaggngnt						787

<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

tnnacaattn	cncntgctac	tcgttctttc	cgcaatanmn	nntgctnttc	gaattcggca	60
cgaggccagt	ccctggacag	ctncgacgcc	atgaatatnt	tgcccangaa	gagctgncac	120
gtncggaaca	nggacaatgt	ngnccgcntg	cgngtgacg	aggcccaggc	ccggnaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240
cngaagaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcgggagcc	300
ccaggttntg	gccctgtgga	cctgtttcgg	gagctgntgg	aggaagggaa	aggagtgatc	360
ataggcaata	aagagtnCGA	ggaagaaaag	cgacaggatn	aaaganaggc	nngagaaagc	420
tctgggcatn	ctgacatacc	tggggccanag	tgcacngag	gcacagactn	aacccccctg	480
gtaccagctt	ccccccagggc	gagggggccc	cccggccngt	ccagccccag	atganangat	540
caagancctc	tggaccctct	gcgggagatg	cataagcatc	tggngaagaa	gagacagnac	600
ggcgggtgatn	aangcagtnn	cagctnaaaag	gaaaaggacg	ggctcnagaa	gcattaccca	660
aggagccttc	atacnttgac	cagcttngaa	cttgaaccgt	ntgctgaggg	aaatcagctg	720
tatangtctc	nggcataagc	ccctgctggc	cccnggttcc	aaagcccngg	cacttacang	780
gaggngnt						787

<210> 3644

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3644

tnanctatng	ntgtgtnggc	tcgnnctttc	cnnannaaaa	gggctgtggc	gaattcggca	60
cgaggagtgg	atatgttcgt	ggagacactg	tggaaagtct	ggaccgagct	cttggatggt	120
cttggaacttg	acgtctccaa	cctgtcccag	tatttcagcc	cagcctcggt	gtccagcagc	180
ccggcccgcg	cgctcctgct	ggtcggcgctc	gtcctcctgg	cctactgggt	cttgtccctg	240
accctgggct	tcacttttcag	cgctcctgcac	gtgggtgttcg	gccgcttctt	ctggatcgctg	300
cgggtcgctcc	tgtttttccat	gtcctgcgtg	tacatcctgc	acaagtacga	gggcgagccg	360
gagaacgcgg	tgtctgcgcgt	gtgcttcgtg	gtggccgtct	acttcattgac	cgggcccattg	420
ggcttctact	ggcgaagcag	tcccagcggc	cccagcaacc	ccagcaaccc	cagcgtggag	480
gagaagctgg	agcacctgga	gaagcaggtc	agactgctca	acatccgtct	caaccgggtg	540

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ctcgagagcc tggaccgctc caaggacaaa gtgaagggtca accggccggg cgggtccaca      600
gttaccagca cgcttgctct agaaaacgaa aacngaggaa aaaaacccca aaaccccaaa      660
caatcttaan taaacacgac tgagcaaana aaagttggcc ctgtgtaagg gctattttca      720
cccacccggn aagtttttag gacncatttc ccagaagaa ccggaaaaga tcatttgacc      780
ctnggaach                                     789

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<210> 3645

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3645

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ttacttttcc tncatccagg nctaantagc nctaacnngn ttnanntngg gnnttcgnta      60
cnantcanct tcnmagtna ccataagagc aaggggaact cgtacnacgn nnaegtngcg      120
ctgcancang nggacactgg aaactcttac ctttgcnngt acttnaanat taaangcctt      180
actgangagt atctacccc tntacaactc ttctttgaan ganaacntaa tcatcntana      240
acacnctncc ttaactcnaa agtcgnatgc anatcaacat nntnatccna aacaccnngg      300
gcancntttc tngctccttt atcancncnc nnaatcattt aacntcacna tcnacattcg      360
ncnatcatnn cagcnagaca nantgnanac ctacatctnt anntanntgc antngnnan      420
tcncttggn tccctatanc caccnttcca naagatatcn ttngnngcnt tntnncncc      480
ccactatact nacatccncc ntntcagca antttantnt cnaccctccc nctnanganc      540
nnnctatanc ancttntcc caacnantnt aacaancntn accannccan gntctntnnc      600
tctntccctc acantacana aatntctcaa nanctcccn acnncanctc anctnnntng      660
tacaatccac tcaatctcng ngcnccccc cnantcttta nctgggnaac ctttntctac      720
atactancgc aanacaatnn tcgcgntnnt tctcnanac acatctctcc ncanctnncn      780
tnatacnact atcatctcn atnnncaactt anngacccaaa nntacactng anacnactac      840
tcgccanttt cantanctnn tantatcgct ngtcactng catctctanc atnnntnnac      900
aaaancnct cncnccctan aactntcact ntcatctanc totananact ntctcnactn      960
acctntctta taccacaann ncccnanctn ntgcntcct catantntnt ntatncttcc      1020
nntactactn natntananc tactactcca cctcnacat ngcttntcat atncatatcc      1080
tcactcttct cnnctnncn                                     1098

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<210> 3646

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3646

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ntaannngtg ngnggtcggn ctanccnaac nanataggct ggggcgatga tgtaaagtct      60
gaaatataca gctttggaat cgctctctgg gaaatcgcca ctggagatat cccgtttcaa      120
ggctgtaatt ctgagaagat ccgcaagctg gtggctgtga agcggcagca ggagccactg      180
ggtgaagact gcccttcaga gctgcgggag atcattgatg agtgccgggc ccatgatecc      240
tctgtgcggc cctctgtgga tgaaatctta aagaaactct ccaccttttc taagtagtgt      300
atcaaaatct aaaccaagga gtctctggac aagaagctgg gagaggcaca aactggacat      360
ctctctctct catatccttc ggcattgggt tatctatggg agcaaggagt gggcacgctt      420
ctctgttaca aatagaaaac gattccagtc atacaggaca catccactcc aaangatatt      480

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tccaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	540
tatccacacc	tcttggccat	gaaatttgca	gctcctccct	tccataaatg	aaagtctctt	600
tccccacca	tnntgaaatc	tnngctggca	ctgcgacttn	gantcgnntc	aatacnaatn	660
gtnggangaa	ngtgactgtt	tnncntttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgccnngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgacctgggc	tggaaaantg	780
acc						783

<210> 3647

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3647

ctaatananng	tgggacctcg	nnatnncna	aananaatag	gctggggcga	attcggcacg	60
agagtgtgat	ctgcagggag	agaaccaatt	acagtatgct	tggagagggg	gacatttatt	120
ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
ctgaggatgg	gcatatttta	aagacttgag	cttacatcat	cgcactctga	aagaaccgag	240
tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aaatgaaata	attttcaa	tcantagaaa	aaccatgccg	tacgtgaatg	ctaataaaaag	480
cctgccgtgc	gtcctnctc	ccctgtgctn	gcactgcctc	agatccgcct	gcatttatnt	540
ttanctgtcc	tttgcctctn	tgtgccatt	tgcattctgc	ngctgtgaacn	aagtnggttt	600
ggccctttta	tgcnmaaatn	ggttaatcnt	tcatttnatn	anncattttg	cccancnacc	660
taaaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaanc	ngnnnnnttnc	720
tggcggttcc	tngctnttng	ccctcngttc	ccttgcaagc	cnttntccca	nccancntn	780
cccccaangc	cnncttngaa	cncttnncnn	gccnttanca	anc		823

<210> 3648

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 3648

nnctaacnng	tnmttaaagg	agntcgann	ngcctaacac	aaataggctn	gggggaattc	60
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actacatgta	tttggaata	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccagg	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttggg	atcctgactc	tgccacttac	360
tagctgggta	ttcttgga	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttcctcat	atgattgntc	ttttttttta	gatttaatga	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttggtta	600
atgactattt	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggtctc	taacagtang	ttaaccaaat	tttaaaangt	720

gaaattcaan gtgttcctta ttaaaacccc tattcctgaa tgtanataat ccattattnn 780
nct 783

<210> 3649
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

<400> 3649
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aggcttcctg ctctttgtat tttggctaaa ggcggtgaag tgagaggcgg agggggattt 120
aaaaccagca gaaaaaggct tcttggtggg ctgatggtgt ttgtgcgaga agctgangtg 180
ggcagggagg agagcctang agagcggtag ggctcatggg caggccgttg gtgtacgcct 240
tggccctgcc tgtccccagt cccaccactg tggactccag gccatcctca gtccagggtg 300
tactgtggc ctgggccaca tgctggcgat gacggggatg gccttcacaca tgcctgttct 360
ctggaagagg ggctcgcgtt gtgcccact ggggacgtcc tgcccccaac cccccaaaac 420
gctgctttct tctgccctna agaggccct cagaagagag gaggctngnn tgaggggcnt 480
tgagataaac cccgaaaggc cggnttcctg gcttcgtgtt ttaaaactca gtgctgcttg 540
cnaagtgcct tgnctattgc attnataatg accaacancg nttggttgac cacnttgatg 600
gnccganggg gtgccangca cttgttccca agggccncac ttcgtgttggt ttntttggtc 660
cgnttaattc ctnttgaca aacctattta caccggtttc ntenttcnnc tntcnagcna 720
anccccaatt ntgcaacccc gnggaaaac tnaangnccn caccggattc accaaaaatg 780
ccnacnaacc ttgntatttc caancccntn ancctctcct gnncccc 827

<210> 3650
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3650
ntacnnatan tntcngngnn actcgnnctn tccnaacnca ncnnggctgn ggcgaattcg 60
gcacgagggt gcccaagggg cccacaataa ataacacagt cactcctatt ggtacagcaa 120
tgccaagatt tagaagtatt ttcataggag ctgggacaaa ggtcaaacct ctctttgggc 180
aagaccgtat tctttattgc atagctttga aaagagattt tgtattaccc aaacattttat 240
tttaaaaagg ccccccata tatccatcac tcgaactgta catttctaaa tgtacattga 300
cctttggtat attagtctag caatccagat tttgcctctt gttaagcgta tcagggtcct 360
ggcaggaagt agacgacaca ctgaaggata actgtcaaaa gtttaatgaa gagactattt 420
acaaagggtg gggcaaagt aagggggaaca acaagtaaga gatggtgtag catcttagac 480
ctagcaacag cagaaaaataa ttgccactcc taactctgaa gagataagga gagggaatac 540
ttagcagaac acagcaagat tgattagtaa agcacagagc tcctgacgag gagatgtgac 600
cttcaggaga ggaatactac ccccaagcta tggcccagca gggaaaagagc ataggtaata 660
cattctctga ctcccacttt ctgatttcct ctagtagctc cctttggcca aattcaactg 720
attattagag agtaggaatt ccagttgctg cagtccatag aggttagtct ccnat 776

<210> 3651
<211> 776

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3651

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acgagatggt	ttgggaaata	gcttgtgaga	ggtaagaagg	attgcaaagt	ttttccaaaa	120
tattttatga	agttagtga	gtcagttgaa	atgtgtattt	aaacatttga	agggatacag	180
ttaacatttt	tttaatgaga	ggaaaccatt	gtctgtagtt	cagaaataag	atggagtgtt	240
ttacttattt	aaggggtaat	ttaaaaagta	aacaaaagca	ttggcctaca	agagaaaggt	300
gatgttggat	tataagtgc	ttttctaata	gttaatatta	atcaacaggt	gagtatat	360
tccgtttcca	agcagttatt	aatttacatt	ttctcaaatt	ataagtagct	tcctgcttct	420
ccaaaagtga	ggcttaagag	gatggctatt	tcatacataa	ttagaaaaac	gactacaaat	480
atgaaatggt	taattttttg	gtactaagat	aatgagacca	tccagaat	tatgatcaaa	540
acatggcttt	taccagggga	gtatctgtag	ttgagccact	ggctctataa	cattgttagt	600
tctttgtatt	ttcccaatgg	aggttttacc	tcatggccat	aaaaataaaa	gaggggtgaa	660
tgtgaaaata	actgcatttt	gaacatctca	nacccttcac	tcataaaaaat	tacttaatgt	720
tcctcttctt	tgaattacat	atttttccat	tgtaataaaa	ttcctgtttt	gaaann	776

<210> 3652
 <211> 846
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 3652

naactaatna	ccangaccnc	nanntngcct	aaanaaaagg	ctnggggggat	tcggcacgag	60
ggggcttatt	tcateccctac	agtctcgacc	atagaagaca	gctacaccca	aggggggcat	120
tttagaggcc	caccctcagg	ggcacattct	ctttctcagg	gatgttcctt	gctgagaaaa	180
agaattcggc	gatatttctc	ccatttgctt	ttgaaagaag	agaaatatgg	ctctgttccg	240
cctggctcac	cggcggtcag	agttaaaggt	tatctctctt	attccctgaa	cattgctgtt	300
atcctgttct	tttttcaagg	tgccatagatt	tcataattgtt	taaacacaca	tgctctacaa	360
tttctgcaat	taacacaatt	atcacagggt	cctgaggcga	catacgtcct	cctcggctta	420
cgagatgaca	ggattaanag	attaaaacag	gcatangaaa	tcacaagggt	attgattggg	480
gaagtataaa	gtgtccatga	aatcttcaca	atttatgntt	agagattgca	ntaaagacag	540
gcntaagaaa	ttataaaaagt	attaaatttg	gggaactaat	aaaatgtccn	tgaaatctta	600
aaaaaanacta	ntcacactcc	ncccncaact	nannccccac	ntccnntnc	cntcncncn	660
accctnnnac	tcnctcctct	ccnctnnnac	cccttcccc	nnntcctccc	tncttctct	720
cnnctnctct	ctcctnctct	catnccccct	actccttctn	nncttttcat	ntcctcancn	780
anntcnnct	cnntnttct	ncnctctacc	ntnnccatnn	cnatnnctcn	ntntnctct	840
tctcct						846

<210> 3653
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 3653
 acctattant ntgatgtcga nntnncctaa ananataggc tggggcgaaat tcggcacgag 60
 gcggggaccct gcctctacta aaaaattaaa aatagctatg catggttagca catgcctata 120
 gtcctagcta ctgaggaggc tgaggtggga ggatcacttg agctcaagaa ttcaaggctg 180
 cagttagcta tgatggcact actgcacttt agcctgggtg acagagttag accctatctc 240
 acaataaagt aaaataagaa ttaacacact cataataact atttagttaa taggaaactc 300
 tgtttaagcg atattgctta tatttctctc tcatgctttt gtaggtcttg actcactctc 360
 tcaattatcc acagagtata ttgttagtgt tttgtttaag ctacctttta cactcaatta 420
 aaactattta ctggaagtag gctaaggtna tggggtgaga atagagatgg tattatatca 480
 tgaaatctac ggaagagttt gtagtcntag ttcccctgcc cccacagagc ttattactct 540
 tgaagaagct ttgacnaatt ctacatgact tattccccct actttaacaa gacctgctat 600
 actaaaacta taccncagtt tttccaagag aatantgctt cttaaattata ttanctctgg 660
 ntcccatata nntnncannc ttnctccctt tctcttatcc naaagttagn ttntnattan 720
 gactcttntg ancatatnnn nttannntnc gnnncncccg atantcnggt tccctntggg 780
 ct 782

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3654
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 tagaatggac agaattgggc aactaattaa gagggagaa cctctaggag aacaggagaa 180
 cgcattccaaa cctggaaaac caggaagaga agatccttgg tgagaagcag tcaatgagtt 240
 tgcttttggga tatgttgagt tcccaaactc atcatgaggt gaggcttcca ggtagcaaatt 300
 gaatcacttg agaccaggag ttgaggagca gcctggacaa catagcaaga ccccatctct 360
 acaaaaaaaaa aagattttta attagccagg tgtggtggta tgtgcctgta gcccaagcta 420
 cttaggaggc tgaggcagga agatcacttg aaccagaaa tttgaggctg caggtgagct 480
 atgatcacac catagcactc cagcctggat aacagggtaa aaccctgtct cttaaaacan 540
 acaaacaaaac aaaaaaccac caaaatcctt atgtatctgg tactatagtt gtctttctca 600
 ttttacattt gacactgaga gacagagagg ttgangagtt tgggcangac acacagctna 660
 tacatggtag agtcaagcct tgagttcang tctnctggcc ccttatttcc accccgaact 720
 ttcaccatta tcatattgtc nggnangctt ggagactcct gaatcccttt aactcaccct 780
 t 781

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 3655

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tanantggca	gntaccaaag	atggntgtct	nnagttntcta	aatgacatgt	tgatcggngt	120
catgatattct	gcaaataatc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
antcctctta	aacttcctaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300
ncttngtctg	tnacntcnan	natntcacnt	atctaanaan	ananntcna	atgatnaatc	360
tcaacnaccn	ccaanannaa	gttnnecgnac	cgtggnnagtn	gtncancnta	anttganecgn	420
cacttgccctt	tnctntcccc	aggcanacga	atattntctcc	ctttttaagc	ccntccangg	480
cncaacggct	cctncnntcc	ncanatecga	aagnttaann	annnctcct	nccctcttca	540
attantcact	accttcaaac	tcnctcancn	cattnccgnc	cctccntctc	ngcntcacct	600
cgtcacccnn	tcttccctnca	agtnccct	nntaancnnc	acnntttccc	nnnaacccct	660
ccncgnttcc	tnnactcact	gnntccatt	ntctcccnct	nccccncaa	annnatnctc	720
cctcnntant	tcccantctc	nactccagcc	gctancacac	ntctcgctca	catctaatec	780
nacgncattc	actnctctcc	ganatnancn	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccancnnc	taancntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatacnac	ttntanccat	ttncntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacncc	ctntctctct	ctngctanca	cancact	1017

<210> 3656

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(908)

<223> n = A,T,C or G

<400> 3656

ntaangnntg	tactcgngnt	ancnngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgcgtgagcc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
ccctgctgta	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgtaggatg	gctgccataa	ctccagggna	tacaccaatc	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaaggttntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgcccata	cttanagcaa	tactgacaa	360
aggggaatag	caccaaaca	cctctggctt	atcntagatc	aacctcgatt	nattntctg	420
ggtttngggg	tggggccttc	tnnacctgng	aagcaaagaa	cctcttgcca	gcttgtecc	480
ggctactcan	gttcnntnta	cccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gencngcana	tacatttcgt	atagtaacnt	ntttccaaga	ncttntaan	ttcaccnntn	600
gaactatccn	gcancanatn	annnctnttn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntcccnccc	720
gtentcactc	ntntccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctncn	780
cttnccnnnt	ntccctcat	nanctcactc	ntcactntnc	tctccnccc	nncantaccn	840
tctctnnnn	gtcctcctct	ctnnntccct	ctctctcanc	atatcttct	tnccatctg	900
tnnccncc						908

<210> 3657

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3657

aatcncngta	cngngcgan	tngcctaaan	anaagggttg	ggggccctct	gcttcctggc	60
tgaccttggt	gtggccctct	gatggcacta	tgtgtcctct	tctctgagct	ttctgaggat	120
gacaagcogt	cttttcaatg	ggactccctt	ccagacctgt	tggtctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tggtgnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtctg	ggtgagatca	ctncattgcc	cctactttctc	tgaccanaaa	300
acacaagagt	tcatgggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctcntta	ttggcacant	aacttttcaa	angctggcat	gaatnaaaag	nncccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnactttcc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnngat	atacanccca	nggaatcatg	540
cnctgttag	tccangggga	cnagccctnt	nccatgcnc	cnctantgct	caaaccnntc	600
atnggcant	tgctncattt	cgtacnnnng	tngggccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cnccngggc	ttattgnnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannnctnn	ctcgcccttg	nntgcaatc	tccctngcn	ggacntctaa	tgnntcaaaa	780
actcnancgc	nnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3658

caatgcncna	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atTTTTTTca	agtgtatcat	ttgcctgtta	acttaaaatt	120
ctatTTTTcc	cctaattcta	tgtcccagtt	ttggtttagtg	tgctctggga	TTTTTgacc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtTTTTTggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgtcacttgt	aactgactgg	gatacgttct	gagaaatata	360
ttctcaggta	atTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaaccagggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaat	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtagagta	aaaataagtt	taaaaaaaag	gtacacccaaa	ataatcttat	gggaccactg	600
tgtatgtggg	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctTTTTTTT	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnncc	aannagnnng	gntngggcga	60
attcggcacg	agataaaggc	ctagtttttg	tatcccaata	gattttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaagggagaa	attgtatgct	gcagatagag	180

ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaaag	ctttaagtca	cagctgaatt	acactgggga	aacaattaca	300
gactttacaa	tggaagaag	catcttcaat	gttggtgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaat	tggtctattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcattttatc	ttcttaactt	aatcaacctt	540
aatttagcct	gaatattatt	tgtagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	acccctctgc	atccatgaaa	agaagtcttc	atccaattct	gtgaatatga	720
gactaaaata	caattccaat	tatgaggnat	tttnttttaa	gtcctaattgc	aggaagaa	778

<210> 3660

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 3660

ctaacttatn	tntctaganc	tcganntngc	ctaaananct	aggncngggc	gaattcggca	60
cgagcactac	atgaagtccg	gggtttgggt	aaaatatctg	tcttatttat	gaaaggctga	120
aaagagaaaa	gagctattca	ctacccgaga	ctataagttt	tagctgataa	aaacacagcc	180
tcatcaatag	ctattgaatg	aagccacttg	ctgagtcagt	aactgaatgt	ctatgtatga	240
tatttccagt	atcatgatta	aaatggagcc	ccgaaatgtc	attataaggc	ctagttgtgg	300
actggggggc	cagatggcca	agtgggagca	actctgaaac	cattaaatag	gaggagagag	360
agaaattaaa	aaccttttct	attcaaaaaga	aacctataac	ccaaattcta	aaatttatag	420
agacatataa	tattaatata	acaaaatcag	ccaccaaacc	attcatttct	ctggatgaaa	480
ttaattttat	ggagcagttc	aacaaagact	ttatttttaa	aaataaatta	tgtattttatt	540
tttgactagt	aatagatgca	tgtagtacaa	aattcaaagg	tacaaaaagg	gtaaacagtg	600
aaaagtaagt	ctatctccac	ctctttcacc	tagccacca	gttccctnc	ccaaaggcaa	660
ccactgttac	ccatttcttg	ctatcccttc	ctaaggataa	attggttgca	ttattccaaa	720
cattatntan	tatatacacc	acaccacacn	actcaccaca	tatggtacca	tttttttatt	780
attcaaattg	nm					792

<210> 3661

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3661

ctaactnctgn	acnaatnggn	tnngctactc	gtncctttccg	naanancnag	gcggtgcgaa	60
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gtaatatgcc	ttccccctgcg	gccttccgtg	gtcacagcaa	cagggactgc	tcacccctc	180
cagctggggc	ttttctaaca	agcacagtca	gaaatgcgca	ggcctggggg	tggggatgaa	240
cagaagttga	ttagtgggca	cagaaatata	gttagataga	aggaatagtt	ccagcattcg	300
atattacagt	aggagactg	catttaacaa	taattgattg	tatatattgaa	aacagctaga	360
agaataagaa	tattoccaac	acaaagaaa	gataagcgag	gtgaaggaaa	tcccagttac	420
cctcattcag	tocattacac	attogatata	ggtatcaaaa	tatcataggc	acotcaaaga	480

catgtacaac	tcttaattta	acatttttga	aagaaaaaaa	aaccggccag	agcattaaaa	540
caaataaaat	aagaaacaca	gaggccagt	ttaggtgaag	aactccgctg	cttcagaaag	600
agaatagcag	cgctcgctta	ccgtgggaac	acggccagtt	aacaaaatgg	gttttggttt	660
tttgntttgt	tttgttttac	cattggtaat	aagatagtta	acataagtgg	tcagaacttc	720
gcttgaattt	gtataaagca	tttgtttaagc	gtgtaaaagt	ccaaattaaa	agtcttgaa	779

<210> 3662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3662

aatnctnaac	ttattatctg	acgtcnanmt	ngcctaaana	gaatnggttn	ggggaattcg	60
gcagctccct	caaagaaaag	agaactagga	aaatgttttc	gccatctccc	aaagatgata	120
ggaaagtctt	gagcagggtt	ctgggtatag	ccccttgtag	gaaattcaag	gccccaatcaa	180
tgccatagat	gagttatata	ttccaaattt	acactactta	tgtaggtgta	gtaacctcca	240
aatcaataaa	ttaataataa	attggcccag	gactgggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaa	tctctactga	aagtgaagtc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctgggtactgt	ccccccacccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtg	agatactnnn	nttgatcgtag	agacgccnat	agtcaaacct	660
cttggaangna	aaactanaca	ttcttcnatn	ctttnaantt	cccccccccn	tcnggccctt	720
gtcttcccan	attcacctaa	cttccccttg	gttgcccccc	acttaattcn	acngcccctt	780
nttttttcac	tcacaaacng	gnccct				805

<210> 3663

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3663

tnnctaacca	atnantcnag	gcantctgnn	ctntccnaaa	taaanaggnt	ntggcgaatt	60
cggcacgaga	aatgctgaat	attggtaaca	agcaacaggg	gaaacaaggc	agtctgagca	120
cacagaactc	aagtctctct	aatgggatcc	cagaatgcc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaagg	cagagatgct	ggacaggggca	240
gcacaggagg	acgagtgtgc	atgggtcactc	tgagcagggc	tggttctctgg	gctgggttggga	300
gcacagcatg	gggaactgaa	aggcagacac	tgcccaagaa	agtccttgtag	caggggttca	360
gaagtgaagc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatgttgt	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtttctg	ttaacagttt	tctaactttc	aggaaaaaca	agccaatttc	540
taaggaaaagt	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaggg	tttggagcgc	aacaaccctt	tgcgttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
ctgactctgt	aggagagaga	ataaagccat	gtccaacttg	cctacagtcc	tcn	773

<210> 3664
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3664

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nttcatctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaaagacc	tgctngataa	gctcnagnaa	ttngcnga	aan	acctgccncc	300
natgancctta	nngannaacn	nggnggnmct	nctaactgtg	ntgagatgac	tggtccgctgg	360
gacgggtgtt	nnanctgcga	tgatggacgc	atgtancctn	atncangntn	tgnactnnan	420
gngcctgtgg	aanntcncga	ngttacncgt	gctcagggat	attatngatg	gcnnttacnn	480
tantgctgg	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnntga	natcancnca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnc	gncggagcta	acggaanac	ngngtancnt	tgctgctang	720
ccacttnana	ggattgtggg	cactttcaca	tgngnntna	acgcttggca	aacttcn	777

<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3665

gtacttattt	ntaatgntgg	tcganttggc	ctaaananaa	taggttnggg	ggaattcggc	60
acgagggttg	ccagcatata	actgctttgg	agcaaactc	ttctgtttag	agagatagaa	120
gttatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctctttgaa	atattttact	ttaataaccag	240
tgctttttct	tggtgaactt	cttggaaaag	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaa	atctgagaca	cttacacttt	tcaaaagatt	tgtgtatgca	ttgcctaatt	360
agagtagggg	gagaagggca	actattatta	tccctatttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agttagtgg	gcagccagg	agaggactca	480
gatttcctgg	aggcaaagtc	tatctctgaa	actccatgaa	gacttttgca	gccagttccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccctttt	attaatgtat	aaccagggaag	aaacattttg	tgccaaccgg	660
tttggacttt	tntatggcnt	gagaattcgg	gnaagggaag	gttgaccccc	aagccangga	720
gaaggaaaaga	antgganttt	ncntttgtcc	tttaagggtt	ttntaangnn	cattgggtttt	780
taaatcncgn	nacnnngcc	caaaanttnn	nttct			815

<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3666

ttcaaataccn agctcttgtt cttttgcgga tccctcgatt cggaaggcta caagtgacaa	60
ggaaaattct gttccgaata tggccacaga aacaaaggat gaacaaatat ctgggacagt	120
gtcttctcag aaacaaccag ccttgaaggc tacaagtac aagaaagatt ctgtttcgaa	180
tatacccaca gaaataaagg atggacaaca atctggaaca gtgtcttctc agaaacaact	240
ggcctggaag gctacaagt tcaagaaaga ttctgtttcg aatatagcca cagagataaa	300
ggatggacaa atacgtggga cagtgtcttc tcagagacaa ccagccttga aggctacagg	360
tgatgagaaa gattctgttt cgaatatagc cagagaaata aaggatggag aaaaatctgg	420
gacagtgtct cctcagaaac aatcggccca gaagggtata tttaaaaaga aagtttctct	480
tttgaatatt gccacaagaa taacgggcgg ttggaaatct ggaacagagt atcctgagaa	540
tctgccacc ttgaaggcta caattgaaaa taaaaattct gttctgaata cagccaccaa	600
aatgaaagat gtacaaacat tcacaccagc agaacaagac ttagaaatgg catcagangg	660
agagcaaaag angcttgaag aatatgaaaa taccagccac aggtgaaaaa ccaaattcat	720
tctagggatg accttgatga cataattcag tcatttcaac agtcttcaga ngat	774

<210> 3667
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3667

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gnanaaaagna tcncttggcn anntctatca tgnatcagct aaggatttgc caacngaata	120
ntnctcnatc cttcantcat gacacntcac atgtcaagng nagaaggtaac ancgtnaaa	180
tgctatancc ggcnaaatnt aggagttctt ctctggctcg gttgctaaag cagtgatctg	240
ngtnancccc agggccatca ctgtgcatgt ncccatgccc tnaacngnat tcgagcacat	300
actgattnac tanaaggagg ngnangncca gcagnaacan cnnacgatga cattggccnn	360
ganctaccnc ntgnncgatg ggaaaatggt gaanntnenn cgcacccnga atgcgcnagt	420
tnntgtaact cantaccaan tgctcagcag cactctcttc tctngctcgt ggagcttcag	480
cccatnantg gaatanaaca tcnctnaga ntncactngn cttttggatt gnattgtnea	540
atccttggtg atcacaatnn ctcagactgg aataggtcgc cccccaaaac tgtctgtggc	600
accctgaaaa agctggggct aaacagncaa ggccgntcat ccccttgnet gaccnngnat	660
tgtctgctgc tgggttcgga cgaggactac tnnngntgaan tntccttgt tggcatgatg	720
acnctngtta aga	733

<210> 3668
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3668

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gggcccattc tcaatgcaca tatcantgcg canagcncta aaatttcagg caacactttg      180
nttgagagan gccaaaattt tggncaggcc ctgggacatc taaagtcacc aatgtaacta      240
caccatacag attaaaccct cacatgatca tgtaagctat gcagttaccc aagctgcac      300
atttanaaaa cctgtcagnt nttatggaaa ccatccctag tcaaggacac tttaaatatn      360
tagtctaaat accgttaang tagggccact agctgtgttc acattatccc ttggccacct      420
taccagggac tnnaataact tgggaaagtg aaaacaacaa gctnaccac atgttcacca      480
tnnaaancaan ttangtcttg aaaaacatgg actctttttt cctgtgtggga ccagttccta      540
cttatgtgtt accagccaat tggactggaa cctatacagn tgggnnatnt agccccgaa      600
attaatatag ctccaacaa ccaatccttc attatacttt naactgnnaa ccaccanaca      660
caaatgancc atccaactga taccactttc ngtngaagct anggaatacn cctngaagtc      720
tgantgagag tttcagncct tgcngctnnc ctatcctatt accannggtt gnct      774

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<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3669

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tgttaccatt atgggaaact ggaggaaggg catatgggac ttctttgtac tgctttttct      180
attccctgtg agttttataat tattttataa taaaagttca aaaacactta ttggatggac      240
atcacagaac ataatagaag aaagaatcag tgaattatag gtctgtttaa tagaaatgac      300
tcaaactgac acacaaagca aaaagaatga agaaaacaga acacagtgtc tgagactttg      360
tggaataata ttatataaaa ttatctaaca gtcacatgat ttgaccctca gaaggagatg      420
aaagaatgag atagaaggaa tatttgaagg aataattgtt gaaaatgttt ccaaattgat      480
gataatgtca gctcacattc ccaagaatca cattgaacct tgaccaagat aaaccaaaaga      540
ggactacatc taggtctatc atagtcaaac tgcttaaaat caaaactaaa gagaaaaatc      600
ctaaaagcaa ttagagaaat cctatatagt ccatgttggg aaacagttac atcaatgtgt      660
gctgacttct catttgaaac catagatgcc attagacagt ggaacaatat ttttaaagtg      720
ttcaaaggaa aaaaattgct atnccagaat tctggatttg cccaaaaatc tcttcaaatt      774

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<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 3670

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cgactgcccg ccttcacgct gtcccacctg gagagccacc gtgacggcca gcgcagcagc      180
atcatggagc tgcggtcccg ggtggattct aagacctga cccgtaacac gaggatcatt      240
gcagagggcc tgactcgagt catctacaac ctgacagaga aggggacacc cccagacatg      300
ccggtgttca cagagcagat gatccagcag gagcagctgg actcgggtgat ggactggctc      360

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accaaccagc cgcgggccgc gcagctggtg gacaaggaca gcaccttcct cagcacgctg      420
gagcaccacc tgagccgcta cctgaaggac gtgaagcagc accacgtcaa ggctgacaag      480
cgggacccag agtttgtctt ctatgaccag ctgaagcaag tgatgaatgc gtacagagtc      540
aagccggccg tctttgacct gtcctgggtt gttggcattg ctgcctacct cggcatggcc      600
tacgtggctt gtccagcact ttcaacctcc tctacaagac cgtccagagg ctgctcgtga      660
aaggccaaag acacaagtga ccacaagcca acccccaaca agcccgggag cccccggcc      720
ggtttcaaca agtccccttg ggggcccgan gcaccgaatt gaaattggga caacttggcc      780
ccgnccgcgg ggcnngnccc ttgcaanggg acca                                814

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<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3671

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ccagagtcac tgagagtctg tnccaaaagc tacatgaagg ccatgggaaa aaccgggtg      120
ccattttttc tagtggggaa caaggcagat ctctctccag agagagaggt acaggcagtt      180
gaaggaaaga agctggcaga gtcctggggt gcgacattta tggagtcac tgctcgagag      240
aatcagctga ctcaaggcat cttcaccaaa gtcacccagg agattgcccg tgtggagaat      300
tcctatgggc aagagcgtcg ctgccatctc atgtgagccc ttgggtgttg ggttaactgcc      360
ttgcttctgc ccccgccact tgccatgttc cagtgggggg cagatcctca ggacttcacg      420
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cacactttcc ccaggctcca gtggcctgga tgtcaatggt tacaaaaggg caaggacctc      540
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gtcaggatat gagtcctggg cattatttat ccaggaccca tcctcttggg tgggttttgg      660
gtgttggtcg ggtaaagggg agccggggac ttctgaaata anctggcttc ctggggtgac      720
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<210> 3672

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3672

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tggatgatat atggtgaagt ttttgttgaa actaaattat gaagtctgat atatttggat      180
aaaaataaag aattgctttt cttctccttt tgctgatttt ttgacacatc attctaagca      240
aaatcatctc agcttcgtat atttcagcct gaagtacttc ttaccaaagt tgtttcatgt      300
aacatttgtt caatatgttc gtgacatgtc tctcagtaat gaaaagtatt gcattttatt      360
gaatgaataa aaacctaac tctgtctatt ccatttctgg aagttgtaag agctcacatt      420
aaagacagta aaagtcaatt taagccaaga tcattttcag cccaccaatg tcatggctat      480
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ttatagcatt tcatgatata aggtcctgtt atagtaagat atttcattct atttatcaaa      600
atggtgtaaa taaaagaaac acaattattt tggtaatgct tatcttcagt ttaaacattt      660

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attctttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga 720
tattttaccc attaattatt tctggaaaga tcttatgctg gtttaaatt 769

<210> 3673

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3673

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ggctcctggct actgaggagg ctgatgcagg agaatcattt gaaccacagga ggtcaaggct 120
gcagtgcagct atgattgcac cactgcaatc cagcctggac aacacagtga gacctgcct 180
cacaaaaatt atattctgat tttctgagtc catgaacaca ttgtccaaat ggatttttct 240
agctcctcca agttacagat agttccacgc acacacagaa ctcaccactc tcaaatattt 300
tccccactag tattactatt aaatttttca aacatgcaaa agatgaaaga attgctcagt 360
gaacaccatg taccaccacac ctgatttcta caattaacat tttaccctac tttctttatc 420
acatatatgt acctatccat ctatccattc ttccatgaat ccatcaattc atctaatttt 480
ttatatattt caagttaagt tgcagatatg tagcttatgt ttcaccttaa atgtttctgc 540
ctggctatta ttaactggag tgcaatatgt ttttggttct tctttatggg aaaatctatg 600
ttcagtgaat tgcacaagac ttaggatgac cattaatagg ttttggaaga atagacaaac 660
cttgngtctg aaactggaan taaaaaaaaa caaacactaa aaaaaaaaaa aaaaaaaact 720
tcgagcctnt anaactattn gngagtcgta ttaccgtaga tcccagacat gataaggatc 780
cattg 785

<210> 3674

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3674

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attcccatac aatgcaacat ccggaatgag gaggagggtga ataatttggg caaatctacc 120
ttagatactt ttggtaagat caatttcttg gtgaacaatg gaggaggcca gtttctttcc 180
cctgctgaac acatcagttc taagggatgg cacgctgtgc ttgagaccaa cctgacgggt 240
accttctaca tgtgcaaagc agnttacagc tcctggatga aagagcatgg aggatctatc 300
gtaatatcat tgtccctact aaagctggat ttccattagc tgtgcattct ggagctgcaa 360
gagcagggtg ttacaacctc accaaatctt tagctttgga atgggcctgc agtggataac 420
ggatcaattg tgntgcccc ggagtnattt attcccagac tgctgtggat naactatggg 480
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ttcctgagga ggtntcctct gaggtctgnt tcctactgtc tactgcncct tcttnattct 600
ggacagtcag ngcntgtnga tgggggcccng anctctatac ccactcgtat gaggttccaa 660
atcttgacnc tgcnccaang ttccagggga ccntnttgnc ggtgaaaana natgnaagng 720
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<210> 3675

<211> 772

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3675
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 ccgtgtactt ctctgggag gaatgggac tccttgatga ggctcagaaa cacctgtact 180
 tcgatgtgat gctggagAAC tttgcaacta cgtcctcctt ggggtgttgg tgtggagtgg 240
 aacatgagga aacaccttct gaacagagaa tttctggaga aagagtgccA cagttcagga 300
 cttccaaaga aggttcatct tcccagaatg ccgactcctg tgaaatatgt tgcctggtct 360
 tgagagatat tttgcaactg gctgaacacc aaggaacaaa ctgCGggcag atgtcaaaat 420
 acctgtacaa ttttaaaatg tcacaattaa acatgagctg gtttcccaA caaanaaaag 480
 actgaagatn tgcattttta ggatgacaac ataatggana aaattngaaa tagcatannn 540
 aaaanctngg cccnttaaca natgnggntt gnnttgcccg aaatcccgnn nnggttanac 600
 cccttggaata ntttgggcaa cncccnantt gtntgcctn nanaaaaaag cctttntttt 660
 tggaanaatt tgggaanct ttgggtttta ttttgaccc ccttttaanc nccannaaaa 720
 nanntttaan ccccnattg gnttnnttt ngnttnnagg gttanggggg ng 772

<210> 3676
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3676
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 ccttcagcan acaggntggc gacaaggngc cngggatgan nangagcacc actaactccc 180
 tnaggtgcta nacacacata atgggaagcc aacatttatg gaagaagttc tagaacacct 240
 tcctggaaaa acacangatg aagtcaacag catgaaaant ggtatcaaaa gttctggctc 300
 tagaagaaag aaanncagag tcaattnana tntggnaaac tnnaaagcag cncaannggg 360
 aggaaatttc caagtcaaag gaannggctg acaacacacc tgtgcttatn tcatancma 420
 cangaggatt ancaanngca ancagaggaa cantgatgag actcaganat nggcatgttg 480
 aagctaggaa gaaacagaan agnntagaan tgtcaatgaa atgngcttcc ccattnaaan 540
 acgaaganga gaaagngana naacatgaca aagancgccA gngccagttt angtnaaan 600
 tactactnga aagttntacc cagcnacatg aaagaacagg aagaattttt gaggcttgaa 660
 aaggagataa agggaaaagg cagaaaaggc ataaaaaagg aaaaagctgc tgatgaaact 720
 tccagatttc aggaaagagt tgaaaacaat gtagtcgag atccctctag gcttn 775

<210> 3677
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)

<223> n = A,T,C or G

<400> 3677

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tggtgtcatt	agtgtctgac	aagtttacag	agttacattt	tgcttttcta	accatttcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagtg	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgtata	tgggcaaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaattctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acggtggctc	atgcctgtaa	tcccagcact	480
ttgggaggct	gaggcgggcg	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atgggtgaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcgtggg	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgancg	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
ttcatctcaa	aaaaaaaaan	nttnnccnnn	ntnnnnnaaa			759

<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3678

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ggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttctca	actactgcct	cagctctaca	atcccagagt	aaagctcttc	tccaaatgaa	300
gagccaggaa	gaggttagagg	tggcaggaat	taaactttgt	aaagccatgt	cctggggttc	360
agtacttttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaaggtgat	gttagaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggagggatga	acagaggcct	gtgcccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttta	gaacaagatt	caagatgaaa	caacacaagt	660
gttgaatatt	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttncag	720
aagtgaaaac	aaacaaacaa	acaactnaag	tcttaattga	at		762

<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3679

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cagagaaaag	taggcagaga	aaggcagttt	aggaggtgac	acaagaggga	agcctaagga	120
gagagaactg	gatggagctt	cccaggtgat	gacaggggtg	aactccaggg	ctatacccg	180

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ctgagcaagg agagctttgc ctcttcagga gactggaagt tggggaagac tccaacaggc      240
ttgtggtcag aagctcagga gactgggaag gaaaagtga tttctgagga gtcctagttc      300
atttcattaa tttgttcaat tctttaacgt atgtttatta tggacctact atgttgccag      360
acgtgtgct agctgttagg gacacaatga tgaacaaaat aggcatagtt ttttacccca      420
tgagagttag aggggtggtg ggagagtcac taatcaaatt gcacaaacac atgtaaaatt      480
accataaagc ggggtgataca gaaaggcgac tgggtgttagg atagctaaaa aagagggatt      540
tcacctgggc aggtgggtca gggaaagcct cttagagaaa gagggacttt gggcttgatg      600
aatgaaaggt gaatttccag gcaaagaaga aaaggaggga ngcttctagg cagaaggaaac      660
ttcctgtgcc atgatctctg agaaatgaaa gattaacaaa ggccaattgt aagtngaacc      720
agaattgaac ccaggaangc cccaaanttg agaanaaaaa ggcccagggc aagggccatt      780
ncntggnt

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<210> 3680

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3680

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cacttaatag tgatgataat cacttatgga gtctactaag atgttttgaa tcccttctcc      120
cattcaaaaa tcttgncaac cctgtgagac agatatgctc accttactga tgagtacggn      180
ggcttggtcaa agtaggtatg ttgnacatnt tacacagctn gtnactgnaa gantcnnnt      240
catatactcc cagattcaga actttaaata accccatgct accttctagg gaaagcttct      300
gctatgtgtt tggagggtna ggtgaganaa agngaatnn taatctncca acatgctcac      360
tcctttttcc tgctctgtgg gggatgtaag tgaataaacc cagtgtgtgt gtgcactcgt      420
taatcttgta gcantgacan gtggaatgtg ggtctgcagg tggccttggg atgggtgggga      480
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acatgtntgg gcaagngtga attgcctctg ctncctctgga gagatgggcc ctgtggctgc      600
tntgggaaga acatcaaatt ttgcgtncat ttacatatgg catnctgtgn ntntgggaatc      660
tatgcatntn gtgttccctg gcttcaaagt tngtaacnna tgtggtnaga gccaaaaccc      720
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<210> 3681

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3681

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gagaactagt ctcgagtttt tgacagataa tagccaccct aggaggtgtg aagtgggtatc      120
tcattgtggt ttccattttt tctgatgact gagaatgttg agcatctttc cctgcgtgtt      180
gtccatttgt gtatcttctt tagagaaata tctgcttacg tcctttgccc agtttttaatt      240
ggattgtctt tctgttgctg agttgtcgga attggttgta catcctccat actgagtcct      300
catcagatac ctgatttgcg aatattttct tccataccat gagttatctt ttcactttct      360
taatgggtatc ctttaaagcc ccaaagtttt taattttgat aaagtccaat ttatctaaaa      420
aaaaaaaaant aaacnnana naaatnnaaa anaaaaaaan ctngnncctt taaanctnta      480

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gngngtcgtt tncgtaaadc cnnnctgat aanatccatg gntnanttng nacaaaccac 540
aatnganng cagggaaaaa anngetttnt tngngaaatt ngnnanctnt tnncttaatt 600
tganccattt ataagctgcn antaancang ttaccancnc caattgcttt catttaangt 660
tnaaggttca aggggnaggt tnnngangtt ttnaantncg gggccgaggg cncnaaatgc 720
attgggcccg gnceccaant tngncecntt nanngngggg taaattgccg 770

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<210> 3682

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3682

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cacgagaggt gttgaaatta cagaaggagc cttttctggc aacacagcag accagatata 120
ctataaaagt cttccattac agaacaccta cacatcagga gctcaaaaac agatatattc 180
tttaaagtgc tagccaacat tttggaaaag tgtgggaaat ccctcagggc caaaaccaga 240
gggagttgga caccagagtg ataagcagac actgaaggca aggccaaact cagggttgg 300
ctcaatattc tagaacttta cccttgttct caagtctccg tgtggacagg ggatgaggg 360
tacctggttt ctgctccttt gactatggca tagactctgt agatgtctgt aattgaccgg 420
gaggtatgta gatgactgta tcaagttatc ctctgaccg ggcgcagtgg ttcattgctg 480
taatcccagc actttgggag gtcaagacaa ggaaggaggt gagctgacag atgtgctgga 540
agagcacaag gaacccacca gtcaggcatg atctcggaga gggcgcttgt ttgggggtta 600
ctcagtgaga cctgggaagg anagaaggga ctttttctgc angacggtgg cctggagaag 660
aagctctttt tccactgaaa caggaggaat ggcggggaag gatgaatgga tatgtgtatt 720
aattatctat tgctgcatga caaatcagga tcaactcaagt ccaggagttt gagat 775

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<210> 3683

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3683

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catgttggtc aggttggtct tgaacttntg acctcanttg atctgcctgc ttcggcctcc 120
cagagtgcct ggattacagg tgtaaactac tgctcctgnc ctgnaatcca ttttatnatg 180
ggaagcacan ttacntagct aatacttggg ggcangagct naagtnanna ttgcatcnc 240
antaatnntt agaatgaata tanattgaag tcttggggta tcccggcatg attatgtcag 300
atgaaattat gtgatatgca naaggaaggc ctctgcact tcatgmctnc agctnantnc 360
tacananggn caagggncna tgannaatnn ggangagggn tncttgantn gaatanatna 420
tntntcactc agnttaaagc ctgtaatccc ancacttttg gaaggccgag gcaggaggat 480
cacctgaggt caggagtttg agaccagctt ggccaacatg gcgaaaccat ctctactaaa 540
agtncaaaaa ttatctgggt gtggtggtgg gcacctgtaa tcacagctac tcaagtactg 600
angcagaaga atcanttgaa cccaggangc anangttgca ntgaacccga gatcacacca 660
ctgnactcca ncctgggtga ccaagaatga aactcccgtc tcaaaaaaaaa nanmnnnaaa 720
aaacttcgaa ccttttagaa ctntnnttga gtctnttttc cntnnaaccn nanc 774

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<210> 3684
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3684

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gaactccgac cgtggcagggt gaggtctctg cacttagctg gctgtcttca tgtgggccga	180
ttctgtggtt agtgattctg atttctcatc tgaaaagtgg tgcactactt agccccctccc	240
acacttggag ggttctacta gtgtgcctgc gtggctgggt tctgcacact cagctacttt	300
agtttcttta gtctatcctt aaaaagattc ctaggtgtgt tcctgatttt gaggttccgt	360
ttggtcatta tgcctcttca gagttcatct tttaaaatca gtctgtggac attttttttt	420
tcctcttagc acagtttatg gtctcatgca ggtcaacaaa ttgggactct gaatgtgagt	480
gtgtgtgtcc acacaccact agggcttatt acctatttgt caatgttatc ttaagaaaaa	540
gtggaggctg ggtgcagtgg ctcatgcctg taatcccagc actctcagag gctgagatgg	600
aaggatgctt gagcccagna gtttgagacc agcctgagca acaaagcaag actcctgcct	660
ntacaaaaaa aaaaaaaaaa aactcgagcc tttanactat agtgagtcgg atttacgtag	720
aatccagaca tgatagatcc attgatgagt ttggg	755

<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

<400> 3685

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ctctttaact atcaaattgc aatttttttt ttgccttgca aataaacaaa ttacaattgt	120
catttactgg tgagacaatg agaaaaagac acctcaaac actgttggtg gaacacaaat	180
tggttaaaatc tttctaggag tcattttcaa attatgtatc aatgacctaa aaatatattat	240
gtctcctgtt cttatacttc cagaaatcta ttctacagta ataaccggag ataaaaacct	300
ttacatataa acatgattta ttatactgaa aagtcaaac aacataaata ttaaaaaatag	360
gaggtggnan atttcacctt taaatgctat gtaggagaat acttaaggga ttggtnaagn	420
ccaatagttt tngtattang tggaaaatgc cngaattggca tgaatgntgt acaaananag	480
cnntcatnnn ttgccactct tngtcataac cncntcgtc ttcnatgcat nccccattat	540
tacaaactgt tcncnnanac tcnncttca ccangnctcc ngcnntnncn annneganen	600
tctnctccn cancnncccc ccgctcncctc nttctcnca acctngctcn ccccnacnc	660
ccnactcccc cncnttact ttnccccacc natecnegnc acnnetntnc ttcnnncatn	720
ntccccnnc ctactcnccn nntagcncctc cncnttecca cacttnctc nntctgnnc	780
cntccttctn tctccttac tacataaccn ncncctctct catctctctc ttctctctca	840
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<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3686

gaccaattat	atgacantta	ccagcgaacn	anaaggctgg	gcgaaaanat	caaaccatcc	60
tttgcctggca	ttaaattattc	aagttgaaga	tccttcacct	tcctttaatc	ctatattaga	120
gtctataggt	gtgtctttct	tatagcaatc	ctgcactcac	ataaaaactg	tattttcaat	180
ataagatcaa	aatgtatttc	acaaaaaatg	catctttata	tttgtttaca	tttctcctga	240
ctgaatgggtg	ccatgtacag	tctgtgtaag	ttatagaaaa	cgtttgccaa	ctcgtagtct	300
accattttgt	tatttgtttt	ctatttgttt	cgtctgttct	ttactgcttt	gttttccctt	360
tcctgccttc	ttctggatta	attgagtatt	ttggtaatcc	tttttaatct	cctcttttgg	420
attttttagc	tatacttacc	tgtttttgtt	tttgtttttt	aaggcggttg	taggaaataa	480
tgtatgcac	cttaccttat	taaagtctat	tttgaaatac	tgttacactg	cttcagttaa	540
cttacaatat	gaacctcaca	acagtatagt	tcattttccc	atcccagtat	attttacttc	600
tttgttataa	accccatctc	tactaaaaat	acaaaaatta	actgggtgcc	agtgggtgcg	660
atgcctgtag	tcccactacn	ttgggangct	gangcaggag	aattgcttga	accctgngag	720
gcnnangttg	cagtgagtcn	agacgcncca	ctgcactcca	ccc		763

<210> 3687
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 3687

gcntattant	gtgncttatt	antgtggcct	aaananatag	gctggggcga	attcggnacg	60
agcttaacat	aacctatgag	agtggacagg	tgtatgtaaa	tgacttacct	gtaaatagtg	120
gtgtaaacccg	aataagctgt	cagactttga	tagtgaagaa	tgaaaatctt	gaaaatttgg	180
aggaaaaaga	atattttgga	attgtcagtg	taaggatttt	agttcatgag	tggcctatga	240
catctgggttc	cagtttgcaa	ctaattgtca	ttcaagaaga	ggtagtagag	attgatggaa	300
aacaagttca	gcaaaaggat	gtcactgaaa	ttgatattnt	agttaagaac	cggggagtag	360
tcagacattc	aaactatacc	ctccctttgg	aagaaagcat	gctctactct	atctctcgag	420
acagtgacat	tttattttacc	cttcctaacc	tctccaaaaa	ananagtgtt	agttcactgc	480
aaaccactan	ccannatctt	atcacgaatg	tggaaccac	tgtngatgaa	gatgttntac	540
ctggcaagtt	accngaaacc	tcctctcaga	gcananccgc	catcttcata	taangcnang	600
tgntaattgg	atgggaanaa	gctncaanaa	gacctcngt	tnngnnctgg	agcaaccnnt	660
ttacccccgc	atttcctttc	tantnttag	aacntccatc	ggttggnntn	ggcaattncc	720
ncggaannen	gcntnttgcg	gncanctnan	cccntnttta	aaangttgtn	nttctncccc	780
canttttntc	tgnaaatccc	tacanggcta	attccttcaa	ngcttcnct		829

<210> 3688
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3688

tnctaattgct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
agagaggaac	aaagataaga	atgacagcag	atgtgtggtc	agaaattatt	caaggcagaa	120
gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatatc	180
cttcaaaaat	gaaggtgaaa	taaacacttt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgataactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggtaaatt	360
atatggaaac	atatgaaagt	tatcttttct	catttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaaggt	actttggagt	ttagaacata	catagaagca	aatgtatga	480
caaaaaatac	taaagttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600
atggtgtcac	tcactccagc	ctgggcgaca	gagtgaagacc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gtttggacaa	acccactgga	atgcagtga	aaaatgc		767

<210> 3689

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(986)

<223> n = A,T,C or G

<400> 3689

acttattntg	ggncctaantg	gngngccaaa	aaaaaggntg	gggagcatgg	cttagntgg	60
atcntgagan	taatnatgag	atctacnctg	aaatgactta	acctanaatt	aatgtgtgg	120
cagnntgnaa	tatgtgaaat	tnnggcntta	ncnctctttt	ggcnntataa	aaatctnnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgcntaaccn	ctgaantatn	tctganaaac	240
cctaggtnc	gtggcatatg	ngatgaatnc	canngacnna	tnnaaccnca	tnttacatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncacgact	360
nttgtttng	agcanctntc	ttngntagac	cttntnaccn	ncnanggmtn	ctcttaacnn	420
gntgatnntt	nactcatent	tcnctttctt	tcctattctn	nnnttccaaa	gtttccncnc	480
nnaagnnann	atgaatnant	ngtgnncnnc	caccctnatn	attntanata	nnccgnattg	540
aaatntaata	canntccnc	tnnccctnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnnent	tnctnaccnc	nnaaagattc	aaanttcgct	ncccttnttn	ncnatatact	660
ctnnatannn	atannccgaa	attntcancn	ttctantnnt	nacntancaa	aactcnctat	720
agnaccctca	catncctcng	acacnatnat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcncaactct	nttataccnt	ntnntcattn	taactctatc	atctngnant	840
angnccatct	ccctcanatc	taaacanmtt	ntngcnctcn	nntagnggag	antgtctctn	900
tacgnctnan	aanggttct	cngatcntcn	naatactcnt	atagagacta	tacnctcatn	960
attgtccaca	ntatctacaa	cacnng				986

<210> 3690

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3690

cnnattanng	tagctggatg	ctggcctaaa	nanaaggctg	nggcnaattc	ggcacgaggn	60
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agcttggtggg nnagacnanc aanggtgcat gangaanaaa acnnaattca ntaagccngn      120
naggnacagc ccatagtctn ctcgattngt acaatcaagg cggacatttn ctggntatgt      180
ggannagagg ttaattggcn gnctatgant ggnnnagcct aaanttgnngn ntacntgnat      240
nnnntnatnt gcnnanaaan gcattngant tanagntncc aaaagntntg aaccnaagga      300
ctanagnaac anacnnntna tngcctggtn ntcagtnata nonacaccnc acaggggaacn      360
ngatnttncc cngnanttnt nacaggtctc nnnanctggg actcaagnen ncccatcatg      420
caatnncttc anannaactt gtgacttgca nttnnnatact anancttnan tcccttntta      480
cattctcctaa atgcncact cnccttttct taattccnat tatnnactnn nttnnnccngc      540
ttattgggcc actnntanca tncnggnann nccaactaan cnnattnttn gannttgata      600
ttggngcctt aacnaacana ncgtnnntat cgctnngtca ccantctcac tcattnatca      660
annacnnnng cnnnantnat tctcnatcna nncnnanttt gctanantnn nctttcccn      720
cnttnanttn ctannaaacc cctntcnnn ggcnccaatn gnnaaantgn accnnnnenn      780
tctnnanggg ntnactnggc cncatacctc ctgngcaanc tntnaannng canactnctn      840
ntcncct                                         847

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<210> 3691

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3691

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ctaatingctg ggctctngnn ctttnngcaa natcccancg attcgctgca aaatggactg      60
tgattcagga cctcctcctt acctacgagc accctgggag ggactgacta atggcccagg      120
gacacacagt catcctctgc aggcaacagt caggcttcta cttgctgaag ccgtcaaggg      180
cttgactgtc aactcagtg ttctggaaaa caaatcagta aagcaattta gaggatcttt      240
tgcaaatcag agaaaaagaa tcaatacaag gcgaaagaat tctgatcagc acttttaaac      300
gtgcttatca gaaacttttc ttctctcttt taagctttgg ttctaactga gaaatgcaact      360
ggataatagg taaccctccc cagaagaaca tggacttcat catttcacca gattcacttg      420
ttccctttta ggcccagcca ataaaagtat atggtatctt caagctctga tttcctaata      480
tcagagataa aaagccatgg gaacgcagag acttggtgaa tttgtaaaaa tccaaaaaga      540
aaggccagtc atgacggctc acgcctgtaa tccgggact ttgggagggc aaggcagaag      600
gatcacttga gccaggaat ttgagacca gcttgagcaa catggtgaaa ccccatcttt      660
taccaaaaag ataaattatc tggacatggg ggtgcnagcc tgtantncca gcaacttggg      720
aagggtgangt aggaggatca cttgagcctg ggangtggaa ggtcccgggtg agccc      775

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<210> 3692

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3692

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agnnnttcta atcnnntttc aaatcgctng gctactngtt ctttttgcag gatcccatcg      60
attcgaattc ggcaagaggg ccaaactagg gcctgctctg acatccgcaa tgtacgtcca      120
ctagcagtg gcaagacctc ccgcgagaca ggtgttgttt ttaatgcca tctcacagat      180
gaggaaaaga tctcaaagta ccttgattat ttacccaaag ttcccgacce aggcctttta      240
aactttttat gcatgcaccg cctcttgacc acatcagaca atcaccacaa aacgatgggc      300

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tgacagttac	tagaggggta	gtaacttata	tttaaaaggg	ccaggtagta	aatatttttag	360
gctttgtggc	caaaagtctc	taccacacct	actcaactct	gtcacgctag	cacaaaacag	420
ccacacacaa	aaaccaaatt	gggcagctga	aaaaaaaaaa	ataataatta	cttaatgaan	480
aaanaaanna	nacnanttga	nnnttcttnn	tttttnatnc	natnatcccc	tcntgtnatn	540
natccnttna	tgtagcttgt	gacaagnncn	ntncttnaaa	ncatcnnnat	aaaaannncn	600
nctnnnttnt	tnaaaaacct	tnnatcctct	tncanttntt	tggnnganat	ntttnanncg	660
tntaaaanna	nttttttcaa	aaannnatnt	tnaanaanta	taagtcccng	tttttttngn	720
tttcgggnnn	nggggttttta	annngggncn	tnngtcccaa	nnctttgggn	nccnaaccnn	780
tttnn						785

<210> 3693

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttgggaaggc	cnnatcgat	tcgaattcgg	cacgagattt	60
tcacccgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gttttctttg	120
actctgccac	ctcccactac	tcagctcact	catacttcct	gccatctttc	atcttcccaa	180
taagtatatc	attatggnta	cattagtatc	agggtttaca	ttattatgac	catgtaaatg	240
ctattttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
nctntnctat	ggatngctac	ttatccatat	tgcttatntg	ctaagctttc	tgtatactta	360
tcattgncta	tgntntngat	ctccaaattn	tctncagggt	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtgacatc	catnctgnag	480
nctttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggatctnact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnmntgtca	gacccttnc	tttcaactnc	600
ttggnctgca	ctnaaatng	gtggagcaca	tgcaatanta	ngntcctgag	gtatgggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaaaatggg	ttacaggagn	ggcaaaccat	720
gaccataga	tgaaatgtac	ctggnacctg	gtt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3694

caaatcncta	ggctactcgt	tctttttgca	ggatcccata	gattcgaatt	cggcacgagg	60
catagagacc	atcatggcat	gctccccgtg	tgaaggcctc	tacttttttg	agtttgtgag	120
ctgcagtgcg	tttgtggtga	ctggcgtctt	gctgattatg	ttcagttctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agattttggc	aacactggac	tcagcgtctt	240
ccttttcttt	attgcttcaa	tcgtactggc	tgcttttaaac	catagagccc	ggagcagaaa	300
ttgctgcccc	tgatatttgg	cttcttggcg	actgcggcat	atgcagtga	cacattcctg	360
gcagtgcaga	aatggagagt	caanccgtcc	gccancanaa	gcaccaatga	ctacattcga	420
gccccgacgg	agtccangga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggta	angaccgctg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600

gcctaaccat ggtccccact tctgtcattc acacaagttt taagtgggtc ttgccaccan	660
aaatcctctt ttgctanggt actccggaat tgcttccctg nggctttnat cttaaatact	720
taaccatggg annaagactt tcaagaagan tcaatcttta attccttccc tcaattggct	780
aaaatttttc ttaaaaaaa	799

<210> 3695
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (876)
 <223> n = A,T,C or G

<400> 3695	
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tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaaggatgat atgaggcagg	180
agccaaagag aagatctgcc aggttgtctg ctatgcttgt gccagttaca ccagaagtga	240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa	300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag	360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa	420
aagaaattgt ggaagtaaaa gaagaaaata ttgaagatgc cacagaaaag ggaggagaaa	480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag	540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag	600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag	660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaanan	720
nnnnnnnnnn nnnnnnnnaa aaaaaagcc tnttagaact tttaggggag tccgtatttc	780
cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttgacaa aacccaact	840
tggaaatgcc nttgaaaaaa aatgcttttn tttnt	876

<210> 3696
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (876)
 <223> n = A,T,C or G

<400> 3696	
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tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaaggatgat atgaggcagg	180
agccaaagag aagatctgcc aggttgtctg ctatgcttgt gccagttaca ccagaagtga	240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa	300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag	360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa	420
aagaaattgt ggaagtaaaa gaagaaaata ttgaagatgc cacagaaaag ggaggagaaa	480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag	540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag	600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag	660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaanan	720
nnnnnnnnnn nnnnnnnnaa aaaaaagcc tnttagaact tttaggggag tccgtatttc	780

cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact 840
 tggaaatgcc nttgaaaaaa aatgcttttn tttnt 876

<210> 3697

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1151)

<223> n = A,T,C or G

<400> 3697

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gaatgccttg ggactagctg gtgattacct cgcccagggc ctgaactcac cctggccagg	120
tccanacctt tctgctgtgg ggagcaaggg ccctggctgt ctactggctg ctggctctgc	180
tnctcggett ggtcttggcc ttgctgggcn gatcctgtgg ggctgaanct tgtcatttta	240
cttggecgnt ttcttggccc tgatgaagtn ngtgccccga aaccttttta ncccgggccc	300
tgggttaattc tggncctttg gttgaatcct cttaananca ctgcttatan cccngnttta	360
aannggnttt nccaaaacct ctttnggggg tnnaaaaatt ttataggcca aaatgnntnn	420
caaanggett ttnnaaacnc ccnctttggt aanggaaacn tttagncttt nngnccccnt	480
aaangnccaa antcggnncc anaaaggggg ggccccncca aaaanttggn aatgnaaagn	540
aaanttaaaa ccccgatntn gcncccaaaa aaaaaccggg ccaatnngtt tcattaacct	600
nnaaaaaaaa acntttaaaa cctgngnttt tntnngnggc cccaattttc taaaaacct	660
tntcctttgc caaaaaacnc ccccttggg gncccttntt ttnnaatttt ggnccectt	720
ggggncctnt ttttngaaaa aacctttttt aaagnaaaaa caaatttttg gaatnnctn	780
ttttgccccn gnnanaaant ccccccaan antttttagg ncccccaagg naagggnaaa	840
aaaccnctc cgggaaaaaa gggnaacccc caanttttnc cccccccctn tgggcctttg	900
ggttancccn tttttgcegg ggggnncccc ttggggnnnn ttttttnt aaangggggt	960
ttccttcttt gggncctcn ggggggggtt tttnggggct nttntntnt tttaaaaacc	1020
cccctttttn atnntntggg ngttttcnnc aaaaaccttt ggggcccttt aaaccaagg	1080
gggaaaaagg ttttttga aaaggggggc cttatcnctt tttngggctt tntttgggna	1140
aaanatgggc g	1151

<210> 3698

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3698

atacagctct tgttcttttt gcgatccct cgattcgtgg aacaggagag tcgcatggag	60
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ctcactgtgg agcttgccca ggatctgcta gccaacccac ccgacctcaa ggtagagccc	180
gcccctgcca agggcaagaa gaacaaggta tccacgagcc cgtcagacct gggtagctac	240
caacacctg agcaaggcgg ccttctgtt gacagtgcta antgagcgtt cagagcacca	300
caacctggcc ttccgagttg gcatgtttgc cttggagctn canangcett cancttntac	360
aaggnccttg aagtgaacct tgcattccan gaatctgaag tggctgncct gctcaaagaa	420
gatccctctg ggtccaaatg agatgagtac catgcccgtg cgggcanang aacttcggga	480
ggggacactt ctgtgactat cggctgtgtt gnctctcatg ctggccagtt catctttgac	540
gtctctgtgc tccaagtatg atgcctgacc ctacagtaag tggggaactg gggtaggggt	600

agctttctnt	taanaaagan	cnaagacccc	aagtttctga	atcaccttta	ggaccatcag	660
caacttcatg	ggttncggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttgga	tttnaacaca	nnttgcttgc	cttggggcatg	aaaa		764

<210> 3699

<211> 867

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(867)

<223> n = A,T,C or G

<400> 3699

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atgcattttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	180
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atattttangg	240
gctctattgc	ctgctaattt	catcactgnt	atttttctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcattttac	cttgagtttt	taagcttgtg	360
cnnaaaccaa	caagggttggg	gcccnagttt	ncnagaatgn	ngttncccna	cnttggnaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttggccc	tttttaaaga	caccaangtt	480
ttaccncat	tccatgggggt	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactggt	gccaagattc	ccgaaagggg	agcccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	ccccccantn	660
agggaaaaaa	ttcccagant	gaatgggggtt	accnggtctt	gacctttang	gaacatgtan	720
gcttgntctg	cccnatgttc	ccncaacatt	nggtccccct	ttacaatgnc	cttantacat	780
taatngmgng	gcccctcatt	ttnaaatttt	aaaaaatttc	atttttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaaat	gttttct				867

<210> 3700

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3700

tncntatnct	ttgaantcct	ttttgcggat	ccctcgattc	gcttttttta	gtgatcactt	60
ttgaattgtg	ttcagatatg	cagtttccagg	tgtnatcatc	agagctgggt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaaagcaa	240
ggcttggttaa	atatgatatg	agggttaagat	tttaatatat	caaagttaac	attcttagtt	300
gccttttagtt	tcanaggctt	gtaagacttc	ctcatgaccn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcaccct	tgcttcttca	ganattgnag	ntatttggat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgnatc	anccggaanc	cctggncatt	ttgggatatt	tttggaaagg	tttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggttaaagg	tttaaaccct	660
tttttttaag	gggtnaaaaa	angggtattn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttgggnat	tccacctggg	tnaaaaacca	ttggttggga	aaatccnaag	780
ccttttttnc	caaattttcc	ctttaatggc	ccanggggtc	caattggaat	naaacctttg	840

ggtaaaaaag gtttnnaagt ttcccaaatt ccatttttgg nggccttaat ggggtttttt	900
taaaaaatttt tccttnaaaa gccnnccctt ttggt	935

<210> 3701
 <211> 977
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

<400> 3701		
atnccancta cttgntcttt ntgcaggatc ccatcgattc gaattcggca cgagggtttta	60	
agtattctca tccgtcaact gggattggta atagtagagg gctgttagga tgattgcatg	120	
agatgaaata catttagcac ttggtaagca ctctataaat atggcaatat gatagtccct	180	
gactcatctt cctctctgnt gcccttttaa caggtgagca cctagccttg ttgggttttat	240	
gtgctcaaca gcagttggac ttcccttggg ctctctacc catgctactg cgtagtcaan	300	
ccctccataa anctnctctc tggncctctg ttcccanatg gnccttggcc ttcccttttt	360	
ccttcccanc ttaacgtttt taaccatgcc ccngggaatn ttttttgaaa angggaaact	420	
gganccttng gtnccccngg ctttaaaaaa ccnnccaata aatttnttac cncattagn	480	
agggntataa aaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga	540	
actttttcct ggcccttcaa actttttcaa cctcttttcc ccggtncatt ggggatccct	600	
attaccggg aggaacatta cccaaaaatt ncctttaaaa tttcttncc aaaacattgg	660	
aanccttttt tcccgggctt tctttttcaa taatggtanc aatgggtccc aaaaggccaa	720	
attnattct tggncctttg gaaacctttt tggggaaacc aagaacttca actttccatn	780	
gggcccagt ttttttncca attcaaggga aggttttttg ggcttggtta aaggngntacc	840	
ccaacaantt ggccaaggga aaaaaaaaaa agcccacct tgggggcctt naaacctggg	900	
gtngggggaa naaacccctg gggggtncct cttngggttt tncctggggg nccttnccca	960	
accttaagnc cccacna	977	

<210> 3702
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 3702		
naatcccagc tacttggtct ttttgcagga tccctcggtc ggaccctcat gccccgettc	60	
tgctccagcc tttcttactc attaggctct agtctcactt cttatttttt aaattgtgag	120	
taattttcat gcttggtagt tgattttctt tccatctctg natgcatact tccgtcacct	180	
agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt	240	
acttgctca aaacactgaa ttcttacctg ngttaaatgc ntgaatcntt taaacttttt	300	
aagtttacct agaaagtgt taaagnggga actaatcnnt tntgantggn nataccnccc	360	
nngnttgaa aactacctt gancnttttt ttcccttttt atnaagctct taaaaccggt	420	
taancagccc cccgnggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc	480	
ccnggaaaaa aaacngnnc aagggtcttg ggaaaaaat gccnctaagg gattgttttc	540	
cagccttcc agaaattttt gggccnaacc tggangaagc ttcaaaattc caaggaaatt	600	
ntggtaaang gggntttttt tgaggccaaa ttaaatnggg ncctttagna anccccnttt	660	
aggaccaatt ttaaatnggt ttgnaaaagg cccagccttn ggtnaacctg ggncctttt	720	
ggctttngct tttttngggn ccattcnttn atacctgggc naaaatttaa ggnaattta	780	

cctccagggt	tnaaaaaaaaat	nggncncctt	tnttggnaaa	aaagtttccc	ttggnggggt	840
tttaaaggga	aaaanaanaa	aangnnaaaa	aaaaacttcg	agnccttttt	naaacctttt	900
ngtggaggtc	cggatttacc	gttagantcc	cc			932

<210> 3703

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3703

cnaatngcta	ggctactngt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgagc	60
actcttttat	attagggact	tgagcatctg	gagagtgtgg	tatctgaggg	agttcctgga	120
actaatgtgc	agatgccaa	ggacaactgt	actattgtac	ttggaagtac	tcatgggggtc	180
atattgcatt	gtttctttga	gtcctaattc	tgccaacatg	gcctgggtgt	tgcattaatc	240
agcttttctaa	tctctgagta	acaaggcaca	gtaacaagga	gcagtaacaa	ggcacagggc	300
tggcacctga	gagtgagggt	acccaggagg	cagacaccat	aaggcgggaa	atggacatat	360
gtacagaatc	atggctgcat	gtcctgaanc	ctggcttaag	ccatcaacgg	ctgctgggca	420
agggccaaag	ccctgttate	cctttcgccc	tttctgatgg	ctctgtctct	gccttcactg	480
ggtgtgggca	agccnnaccc	acccnaggct	nnagcccttt	acccacagtg	ttannaaatg	540
caancttcaa	taggattgtg	cttnaggccc	ttncccanaa	anccnggatt	ttgacagggg	600
gcnatgannt	cannnnccng	cttttaaatg	attggcctat	cggtttttaa	aataatgacc	660
aatnggggcn	ttgngcctgg	ccnanaancn	ntnancattc	nattttctctg	ccaatttttg	720
ggtcnaaatn	ccngcngntt	ttncnctngn	nnngttnnaa	tgaactgnaa	naaaatnnnt	780
ttgnttgng						789

<210> 3704

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 3704

ttcnaatgct	tggtactcgt	ntcttttctg	aggnatccca	tcgattcgtt	caaactctgcc	60
actcccagag	cccgtggaac	tctggcccaa	ggctctctga	ctgactcctt	cttggcttag	120
cggctgaaga	ctgacactgc	ccgatcgcnt	nagaaacacc	gtaaaccatc	acggangccg	180
agctntactt	anctttcana	gtggaggaan	gcnggaatgt	nangcctctn	aacccaagcc	240
aagccatcac	attccctgng	acttgnacgt	atgcacgtnt	gncctaaat	ggcctgaant	300
tactgaataa	tnacananga	ngtgaaaagg	ccctgtcccc	ccttaactga	tgacntttcc	360
accattggga	tttgttcctg	ccccacctta	acngagngan	ttaccctgtg	aatttncttc	420
tcctgggtca	naanctcccc	cactgatcag	cttgggancc	ccgttcntnn	caccatanaa	480
caaaccacct	ttgactgaaa	ttttcccat	accttcccan	atcctataaa	angggcccca	540
nccttatntc	ccttcgctga	ctcttttcng	ncctnnngcc	catctgnccc	tggcgaaata	600
aacanccatg	tagttcacat	aanaanatcn	tttaaaaaac	cttnganccc	tttttnnaant	660
atantggagg	ccnttttan	gggaaattcc	cgnantttgg	ataangatac	catntgtann	720
antnttgggc	caanaccnc	aaactntgaa	atgnccattt	gaanaaaaaa	aangccttnt	780
antttttggg	cnnaaaattg	ngngg				805

<210> 3705
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 3705

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agcctggcca	acatggcaaa	acactgtgta	cactacaaat	agaaaaattg	gccgggcatc	120
atgggtgtgtg	cccgtagtcc	cacctactca	ggaggctgat	gcaggagaat	cgcttgagcc	180
tggagggcgg	aggttgcagt	gagacgatac	cgtccactgc	acttcancct	gggcaacagc	240
aagactnctg	cttcaaaaaa	aaaaatttta	aaaagatttt	tcttatggng	ggtttcaaaa	300
aatggttgttn	ttggcaacgc	tnggtgccaa	tgggttacc	ctgnntaatc	ccnccacttt	360
ttaaaagncc	caaaccgggt	ggggatcacc	ctctanggtc	nggaaatttt	gtnnnacctt	420
tggggttnan	aattnnngnn	nncccccat	ttttttcntt	ataaaangna	ccccncnaaa	480
aaattctatt	tccnccgaat	ttgggtgggc	accgttgccc	ttggtaaatt	cccaancttt	540
ctttggggga	angctttaag	gcccaggnaa	aaaattggnc	ntnaaanctt	ctgggggctt	600
caaagccgaa	ncanttncca	accttcaacc	ttccatatnn	anttggggac	tacnagggng	660
ccncccnanc	nttttntctg	ctaanattta	ctgantttca	ngtagagnan	ccancttttn	720
ttatttttnc	ccaaannent	gctnnnaaat	tctnnctnt	tatgnanccn	accaatatct	780
nnntnccna	aaattctngn	nacntttnt	ctnagaaacc	tnatngccnc	nantannncc	840
tngggttcan	nntttcccn	tccntttc				868

<210> 3706
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 3706

cctagttnca	atngctnggc	tactngttct	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggtgaa	gccacctttg	tgaacagtat	agtaatgtct	atacttggtc	aatagtttag	120
aggaggtagg	aggggaagaa	ttgcaaaagg	taatattact	agtgtgttca	tacttggaca	180
ttttcagaca	ccatttttct	atatgttttg	tgcattttgt	tttgctctgt	atatagtata	240
tataatggac	aaatagtcct	aatttttcaa	catctagtct	ctagatgtta	aagaggttgc	300
cagtgtatga	caaaggagta	aaattagcct	attttgtaca	ctttgngggt	gaattcctng	360
gaaaacctgg	cttctgnmaa	aaaccttttn	cttaggaatn	tgtttngcca	tctcttaacn	420
ttacaccntg	ccctgtntct	ntccactgga	ttgaaaggcc	cnataaagga	aggggagggg	480
agggaaattg	attttcaaagg	ccccaaatgg	gccacatttt	aggaaagaat	accctcacna	540
tgggaataanc	ccatttggtt	aatgtngtgg	tgccaaat	ttattttaa	aagtgcctgg	600
ngtaatggtg	ggtggggacc	aaagtattat	ntggaaaata	tccnagtnc	tttcttagaa	660
tanttttggg	aaaatgcctt	ggatggtatt	ttaaaaagt	gtaagtagaa	atanaccctt	720
tttggaat	aagccttttt	aaaaaacctg	attgggnaaa	tccctngttt	tggaaanttg	780
gaaattggtt	ggaaccancc	tgggaagggt	ggaaggggaa	gaaaatgcca	atgggggttt	840
tggccattgg	ttnta					855

<210> 3707
 <211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3707

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gnnnnttnna aannncengg nttnngnng cccttgtttg nccnananaa acncnntgna      60
ancnccggct cgcttctect ctccattgc gatttgcctt ctttatccag ncttnnggaa      120
tgctgatttn aaatgtnnnt ggcacaaggc aggcgtgaaa acataaagtt aataaaaatc      180
gaatgcataa gctagagcag attatccaca gattcttcca tctccatata gattatcacc      240
attgcctgca cctgttttcc ttctccagcc tatctgatgg aatgggtgctt ccatgacatg      300
tggtatttgg aaggtcttta gctctgatgt aatcagggtt tgacccatag tcacctgaaa      360
tagnncttct ggnnctcttt ggtctatgaa ctgaagggtc tcagaagccc gtgttatgca      420
aatacccttc catcccttc cctctccctt tgctctatc catgttccct cagcctcagg      480
gtgcttgacg gctaagagga ttgggnctct ggcacccctg agctgaacag ctcgngtcag      540
gaattcccca ggcccttgag nctctggggt gagttgnagg ggtgtgtagg gngctgggga      600
ttaaganctg ctgagtaggg gcttaccaga ggtatactga aggacctgaa gacagatcat      660
cttcacataa tcagcatgac cataatctgg gatggcactg agcttctttn antcnggagn      720
caaggaatgn gcncaganaa ngcaaaantaa tnccttttaa gcccaggatg naggggaan      778

```

<210> 3708

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 3708

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tcgagtgatt aagtctcact aggaataggc ttttctaaat tgntttatct catcctcatt      120
agaacttcac cacatgtggg aaatcatgtg gcaaaaactgt ctctcttaaa aaaaaagtca      180
ccaaggaaaac ctcttctgac aatttaagaa ataaaatccc agtgacattg atttggatgc      240
tccaaacatg tccataatgg aagagctttt ccagggtttt gtttgggccc cccagaccac      300
agctttgaca cataatacaa gctctgtaag tctgttttcc tgtctgtaat ttgggattgt      360
catctttgta ggggtgtcatg gagattaagt tattcactgt agacaatgcc cttttcatgt      420
aatagattct gtcagtatta gatctttttc tttctcttca agtttcaaac atagattagg      480
caaaatttta atggctatth cacaaaatca gcttgattct tgtttatgac atcaagtgtt      540
gtttttccag gttgtctgtt aaagggtctac tttttttttt ctaaaagtgc ttttanaaat      600
tccagtgtta gtatgtatgc atcatttaag ctaagaatga agatntaaag atcacccaac      660
agtttaaaagc tggattcttt tancagggtc aaggagaatt gngntttgnc tagctgnctt      720
anccgtgtcg gacttcttgg actcaagtga tccacactgn ccttaanctc ccaaagtgcc      780
nggaggtt

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<210> 3709

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3709

```

gnnngcctt nagttccnca ngcgnactct ttgnacganc ttatgaacag atatggaggc      60
cagagctcat ttgggtaaac ttactcctgc tgagtttagca ttttggtgag agaagctccc      120
ctgagctcac ctgtctctct gactgccttg gagtaggtgg cataaccttg tgcacagaga      180
actagaaaag gggcagaacc ccggccttgc agttgtggca ggtttccact gtggtaagct      240
aggttcattc ctcatcaagg aatgtgtagc agattgttca ctgtggagga gttaattata      300
gaatgggtta ttgttggtat tcttactcat gaagttacag attttagcca gtctttgctt      360
ttatactttt gtgaaattta atttctctct atagcacctt cctttttcgt tttcagttat      420
caaaagtgac tttgacctca taaaagagtt gagaacatct ctctgtgcac atactgcagg      480
tgcacagtt acttttgcac agattctagg gggacatttt tctgaatagg aagacaggac      540
aaagttaaca gcttaagggc tcttaattct gtgagttgag gacttaaaaa gtattgnagc      600
atltgggttg atccatgaaa aaatgtattc agtgggcttt taaaatttcc atltgcagaa      660
tttggntctc canctgtttt ggggagctct tttttttacc attttttctc ctttgcacct      720
attnatggn ggtaaagta aanggttact                                     750

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<210> 3710

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 3710

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aanagcnmnt cnaatngcta ggttntcgtc ctttttgagg atccctcgat tcgaattcgg      60
cacgagatta ttataagact aacattctga taagccatgg tataattaac attattaaaa      120
tgtttacata taatccttct taaagtatac tcttttaaaa atccattggc ataaccttac      180
ttttagttta gtgatccaga atttccccag agcttaagcc actgcagtaa attaggtacc      240
gtaggatatt cagtcgctac tagccacaag gagtctcctt attttaatgt acctccctca      300
gtactttatt cctgcagagc gcctcagagt gggggagaga aatgagcaat cctggctcan      360
ntggattatt tcagcatttt attttctaaa atctgtagtg tgatcccgaa aatattttaa      420
attaaaaaaaa atacttttac cagaagagag gcctacctaa tcaatgngct ttagagaaac      480
naaactaccc tttaccattc aatttaacaa ccnanaaaaa ggtttaccgg aaattttaac      540
aaaacatttt ttctttatct gaattntggg gaggaaaaata cttaatgctg acaccgttta      600
ataaatttag gaaaaaggat ccattcccag gaatctttat gggaaaaaat tgggggtttt      660
naaatttcca agccagggtt ggctcttttg aagaacatng ggtaantcct cnttaaatgg      720
taaacttnct taaaagggan naggggtagg aattnggaaa aagggaatct ttgggnattn      780
ttaccnttta aattaatggg tcccaggaat nggggtttca agggattntt ncanaaatta      840
aaaattnggg tttttgggtt gggaaaaaaa tggaaatacc cttttttngg gggggg      895

```

<210> 3711

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3711

```

naatngctag gttanacgc tnggctctng ttctttttgc agggatccca tgcattcggt      60
cgtgactcct gtacaaggga aaataggctt ggagaagatt ggtgtcaaaa ttaatgagaa      120
gagtggaaaa atacctgtaa atgatgtgga acagaccaat gtgccatatg tctatgctgt      180
tggtgatatt ttggaggata agccagagct cactcctgtc gccatacagt caggcaagct      240
gctagctcag agactttttg gggcctcttt agaaaagata tatcatactt tgttctggcc      300
tcttgaatgg acagtagctg gcagagagaa caacacttgt tacgcaaaga taatctgcaa      360
taaattcgac catgatcggg tgataggatt tcatattctt nggaccaaac gccggtgang      420
ttaccaagg atttgcagct gcaatgaaat gtgggctcac aaaacagcta cttgatgaca      480
ccattggaat tcacccca tgtggggagg tggtcacgac tttggaaatc acaaagtcgt      540
caggactaga catcactcag aaaggctgct gaggctagcc tgctgctggt taagtctcnc      600
ttgncatatt ctcatctctc tcaaagataa gaatgctctc ggatnaaatg agcctgtgct      660
catgacanct gctctggtac ttanggacca ntgcaaggct tncctaccac acttagatga      720
gaaagttnnc aanggaaaaa ggnaccaaat ngggcatttt gcctt      765

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<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3712

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agnnctttct tacgcctnnt gaacttnttg naantcctt tttgcaggac ccatcgattc      60
gaattcggca cgaggaaagg acccatgatg taaggatgtc ttttttgggg ggtgcttgtg      120
gctccttaac tggctctgga aagagcctac ttcccatagt gaacctgtg aggtccaatt      180
ctgttcctcc ccttggagct ccaagagaag gtcattgcct tgtagcagca ggtgcccccc      240
caagctgggt tctcactgca ggtgccagcg ggctctcagt aggtatgacc tggatgtgag      300
tggtgaacca ggattgaggc actcagcacc ttcgaccaca cttccactct cctgggggtt      360
caagtcaggc tatggaaaag tgtcaccttg tttgncatat aactggatgg gtngtaaaca      420
gaacgcctct ggcaaaggtn gaccttgaag gcaaaactga gttgaggggt gttaggacgg      480
aaataattac tgctgggcat gcaacacttc ccaaccgttc ttgtgangca agcantgtta      540
ttgncagttt ggcacaangg cacangtgta nnaacaacgt aagtgccttg gggcccgtag      600
ttacaccacc cactgnggtt tgaacttana atgtgaaccc aaggcccttt ttgaattccc      660
aaantccctc aatcccttca atcctaaaca agcnttgcct gccggggttan ccaaaaaagg      720
gggacctccn ggnaatntng ctcttgcan nttnttttaa anctggatnt attaattggg      780
aaaaccanan ntanaantnt ttggtnt      807

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<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (909)

<223> n = A,T,C or G

<400> 3713

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ttgcnatcg ctaggctctc gttctttttg caggatccct cgattcgttt tttactatgt      60
accataatgt ccattcatg agaacctagc aagtagtttt tctcattagc gaatgctaga      120
attttatatt ttttcacata gtgaaaagg gaaattgggtc tgtcttctc tttactttag      180
ctgctagtaa ggttgaaaca acgatgggtg ccaaatttaa cagttagggtg acatcttctt      240
ctacgtgtgc taagattacc cagacttcac tttaccctta tttccactg actttgatcc      300

```

```

cttttacttg nttttattct gnaagtatgt atttttgnca tctttcagna ctctttggna      360
tcnnaataaa attaaattcc cctagncttt aaanangata atngggtnnc ttggnttaaa      420
nattaaaaat naaaagtnat ttngggcttt natataataa ttaagccant aaggnatttt      480
tnggcnaaan tccttttctt gccanaaggg ggcccagaac gggnttaaat attttttaag      540
ggtgggttnc caagggccaa ggtggaatcc tcttgggttg gcaaacttaa ccttcaagcc      600
ttcttgcccg gttccgttaa antggangga aaaaggccag gccccttnng gaccaatgg      660
gccatttaaa ggcccaaaat ggggggttnng ttggaacttg gggggttttc ccaanttaaa      720
aaaccttttt aattttttnc naaaaaancc aatggggctt accatttttg acttttttng      780
tggttngtaa ttttggcctt acccccccaa aaanaanaaa anannnnnct tcctatattn      840
actnnnanac tttcantnan caaaaaaaaa cntgggcctt tttanaactt tngnggggcc      900
tntnctan                                     909

```

<210> 3714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3714

```

aaatnnnagc tacttgttct ttttgcagga tccctcgatt cgaattcggc acgaggagcc      60
atggcagaaa atcagtgatg tcattgagga ctctgtagtt gaagattata attcagtggga      120
taaaactacc acagtttctg tgagccagca gccagtctcg gctccagtgc ccacgctgc      180
ccatgcttct gttgctgggc acctctctac atccaccacc gttagtagca ggggggcaca      240
gaacagcgac agtacaaaga agactcttgt cacactaatt gccaacaaca atgctggcaa      300
tcctttggtc cagcaagggtg gacagccact catcctgacc cagaatccag cccaggtct      360
gggcacaatg gttactcaac cagtattgag gcctgttcag gtcatgcaga atgccaatca      420
tgtgactagt tccctgtggt cctcacaacc aatattttatc actacgcagg gatttctgt      480
aaggaatgtc cggcctgtac aaaatgcaat gaatcagggtt gggattgtgc tgaacgtaca      540
gcaaggccaa acggtttagac caattacact agttncagcc ccangtacc agtttgttaa      600
acccgacagt tggagttnca caagtgttct tccagatgac ccctgtgang ccaggcttca      660
caatgcctgt ganggccacc accaaacacc ttnaccaccg tcattcccgg cactnttacc      720
attcgnaagc aaccgtccca aagteccagt ct                                     752

```

<210> 3715

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (960)

<223> n = A,T,C or G

<400> 3715

```

tttcaaactc ctnggctact cgttcttttt gcaggatccc tcgattcgaa ttcggcacga      60
ggtctcgagt ttgttgtttt ttgtaatccg ttttagagtg aattaaactc agacatccct      120
ggattgtatg ctgtctgtag aatgttgatt ttcaggcacg gggatgtagc tgtagaatgt      180
ggcttgggtc ttcttctctga taagaaattg atctcctgaa tggattggcc atttggtaat      240
ttcttagtga aaggctgact cttgaatatg gctgggtataa tataaattct taccaacata      300
aaagtaaggg cttatttggg gcttgggtaa aactgtcatg ccttgganga tatatagctt      360
ataaaattgg cttaacctg nattttatga cctanctnnc ccctgntgcc aacntttnac      420
ttgccaaaaa ncctgggatt cntgtttnc aagggngnac cttattattt gtggaagaaa      480

```

```

aatttgatt nnccaagggt aacctatatt tcaanggctt cttggctttt tgnaattttt 540
cttcaatttc accatggccn tcctttttat tcctnttttt tnccttcc caaanggggt 600
tcnnggggaa tttancctgg tttcccgga aagnaaanga angggatttn ttccaccant 660
taaggccanc cccaaatttt tttacccac ctttccaaa accccanggg aagcettacc 720
ttacctgggn gggtnaaaaa ttanggggtt taaccacccc ccaanatttg ggaaaaatcc 780
tttttggeca aaaaagggtt ccnggggttc taatttcaaa ccggaaacca gngnacttnt 840
ttagccnaaa aaaggaaagg aatccgtttc cccattattt gggaaccgcc cccattttta 900
aaatttnccc agnggttttc ctttaaatgg gaacctttgc caaaaggga atatttggcc 960

```

<210> 3716

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3716

```

ttnaaaanccc nnttncnaat cnncagctac ttgttctttt tgcagggatc ccatcgattc 60
gcaaagcttg atctattaat atattgatca gagttccatg atccttttct aaaatgggtg 120
ctttattttg ccagaataat tctgcagggt gttttttttg ggacggagtc tcaactctgtt 180
gcccaggata gaatgcagag tggcacaatc ttggctcact gcagctcttg cctcccagtt 240
tcaggagaat tgtgtgaacc tgggaaggcgg aggttgcagt gagccgagat caatcaccac 300
tgcacttcac ctgagcaaca gggcaagact tcatcttaaa aaaatttttt ttggatttat 360
atttactgan aagggtctgtt actaaagggt ttaanatttg gntgggtttt accgctaaat 420
gtttgtanag tctgaatctn tggcctnngn aaagaataat tacangcntt caccaagttg 480
tgaaaccttc tgggttngga tgaaaagaaa ctttcaagct nagaggaana atgttctgaa 540
atatttgggg aagtttggca gactcctttc tcaaggggta tgttcatttg ggccngtgat 600
tctggaaccc cctttgcaga tatcttaagt gtgtcatgaa agtttaccaa gaacattgtg 660
agtanttgca attaccaaag ggaaccaatg ttcattatcc tttccattat ccggtctcaa 720
gnattcttnc ngagatnctt taccctgtgt aaagtgaatc ncttctct 769

```

<210> 3717

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3717

```

naatcgctag gctactcggt ctttttgcag ggatccctcg attcgcagag ctggggcatg 60
gcatgtctca ggaagccatg cttgtcacag aggaatcact ccgaggctaa aggaacatct 120
gggcaatcct acttgtgtac tcattggatt cattcagtga ccttgttatt atccttctag 180
ctaaatgctc tgggtcttaa ttcacgactc caaggttgct cttgatttta aggaacattt 240
tggcagaata gagagaagtt gagcaaata taacagatgt ccaaaggggc agtgtgattt 300
attatgtcaa gagaatcagt tttatgtcga gggaagaatt ttggtagaaa tcaactgtatt 360
ttttggaaaa tatcatattt gggttttttc attgnataag taatacatgg atacatgctt 420
atataaagaa aaattcataa tatagaaaca taaggaggaa aaatgagtca tttttctccc 480
atagttcact cttttccctt ccctttcagt aaccagtgt acacgggtgt gtctttccag 540
acgttaaaag cagtcataca tatctctaaa gggaaagttt gcgtttgctt gntntttctt 600
cctgnattaa taggatttgg gtatatatat acncaccccg taatatattt tggatctgga 660

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tatntaggag catatctctg ggggtgcgctt tttaaaattt tatggccaaa tcctacagct 720
tcttcatgtn acttgcttat tngatgtttc cncant 756

<210> 3718

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 3718

ttcnaatngc ttgctctcgt tcttttttgcg ggatccctcg attcgaattc ggcacgagcc	60
cgaaagtgtg ttagagagtg actcccagga cgaaagtgtg gaggaggagg agggagacgt	120
agaaaaggaa aagaaggcgc aggaagcaga agcgcagagc gaggacgacg acgaggatac	180
agaagaggaa cagggggaag aaaaggaaaa gggagcgcag gagaaaagga gggggaagag	240
agtccgtttt gcagaagatg aagaaaagag tgaaaattcc tcggaggacg gtgacataac	300
ggataagagt ctttgtggaa gtggtgaaaa gtacatccca cctcatgtga ggcaagctga	360
ggagacagtg gacttcaaga aaaaggaaag actanaaagg ctgaanaaac atgtaaaagg	420
tctacttaac aggttgagtg aacccaacat ggcttccatc agtgggcagc tggagggaact	480
gtacatggcc cacagcagaa aggacatgaa tgacaccctg acctccgctc tcatgggtgc	540
ctgcgttcac tgcctcggcc atgcccaca gactgatgat ggagcatgtt ctcttagtca	600
gcatecttna ccacacagtt tggaatcgag gtcngtgccc actttcttgg aggcattggt	660
gaggaaagtt cgatgccnnt cttttnaata ccggaagcca aagggaang anttgnaca	720
acctgttcac cgtcattggc cattttatac aacttcccggt ggtnc	766

<210> 3719

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 3719

ttncnaatcg ctaggctctc gttctttttg cagggatccc atcgattcga attcggcacg	60
agggacaaac catctccaga gccttaatcg catctgtaaa gtccctttta ccatgtaaat	120
taatattcat agtttctgaa gatcaggatc tggatttctt ttggggcaat tattcagcta	180
accacatatt ataatgagga agcacttctt gggaggcatc ataatgcttg ttttttcttt	240
tcctaaatag agtatcactt ttacccaaat ggaataactc gctgggttat tttactgagc	300
tcttgatgct catttctttg gtcttctctg tgatgaatta atgtttctat atggacatca	360
tgcacaattt ctttattcct gaagaatatt ttaaaatgnt gttattttat gttgtagtgt	420
gtgtaatacg gtgcccagta tgcccgccaa gaatgcagac agatagacct tgtggataat	480
tattttgtga aagacacatc tgaagctcct agcagttctg atgaaaaatc agaacaggta	540
tgcttctcaa tttttcttta tattcctatc ttgatatcaa actgtaagta taagaaaaac	600
atgtttggat agttaagtca ttttaagggtg ttctgctatg gattcctggt tcaaatagaa	660
agttaaagat agctttctta tatactctca aacttagttn aatgagacta aagctattac	720
ttaaaatgtc aaaatttggg ccagcattgg gggct	755

<210> 3720

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3720

ttncnaatnc taggctactn gttctttttg caggatccca tgcattcggt cgggtgttaca	60
cacattcaca cttgcaggcg tgcaggtcgg tgggtgttaca cacattcaca ctgttgcagg	120
cgtgcaggtc ccgtgggtgtt acacacatgc tgttgcaggc gtgcaggtcg gtgggtgttac	180
attcacactg ttgcagggtgt gcaggttggt gttacacaca ttcacactgt tgcaggcttg	240
caggtcggtg gtgttacaca cattcacact tgcaggcgtg caggtcagtg gtgttacaca	300
cattcatgct gttgcaggca tgcaggtcgg tagtgttaca cattcatgct gttgcaggcg	360
tgcaggtcgg tgggtgttgca cattcatgct gttgcaggca tgcaggtcgg tgggtgttaca	420
ttcacgctgt tgcaggagta caggtcagtg gtgttacaca cattcatgct gntgtgcagc	480
tatcacttcc atcttcagag ccctttcatc ttaaaactga agctctccat cacacaagtg	540
acccttcatg tnccttccca gtccctgaaa aacactgttc aagggtttttc ttctctgggac	600
ctcattgtgt ggagttttctc gtgtganttg cagtnacaca cgattggcct tttttttttc	660
gttgttgaga caaatcttat tctgccttca atctgggggtg tcanaatgag accccatntn	720
aaaaaaaaaa aaaaaaaaaa aacttgagcc ttt	753

<210> 3721

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3721

ttccaaatcg cnaggctact cgttcttttt gcagggatcc catcgattcg aattcggcac	60
gaggcaggtc ccctcccaca tctaataccac cactaaggcc tgcttcttaa tagctcttgt	120
tcggcttttg ttgagacagg gttttgctct gccgcctagg ctggagtga gtggcgatgat	180
cactgcagcc tccaaactcct gggatcaagc agtcctcctg ccttggcctt ccaaagtgc	240
gggattacag gcgtgagcca ctgtgcctag cctgaatagc tcttaaactc atccactttt	300
cttctctctg acacctgaca ccctagtcct gctgccctct tctccacctg gacaacctcg	360
cccaccccca agttggtttc ccctcatcta ctcttgcttc ctttcagtct atcttctgtc	420
ctgaggtcag aataatttgt taaaaatata aatgggggtca agaatagtt ggggatggag	480
ctganctaga gatgggttgg gttgggggtt ggacttggat aangcatgga attgggggtc	540
aactgatgta aaagntaaga ataggattgg gatgatgatg aagggtgaac tggggatggc	600
ttgggggttg ggggatgggc aanggcttgc ctactnacca naatttgccc tggttgcaca	660
aagttttaac ccacacccaa cctnccntaa nggctggggg aacnttnaag ccantccgaa	720
tagcttaang ggccctgttg ggcntttctt gaanggggta ccagtttttt ttct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

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cngnnnctng ttcttttttgc aggatccctc gattcggtttt tttttagaac gtggtcttgt      60
ctctatcctc tggacactgc agcgtagcag taacaacagg tcttgcaggc taaataactt      120
ataaacaanaa tttccttcct gaggagctag gtattccgat gtatcttcaa catagtctctg      180
aagttcatat ggcaatcgtc cttttggctt ctgaaatgca gaaggccatc cagatttcgg      240
ccaactagag gagtctgaag gaccagacaa ttgctcagaa acagaaggct gtttagaatt      300
ttctaaattc attaagggca attctgggtac tttctgggaa attggcttta agagctcatc      360
ctgcattttt aaaatctctc caactggatc aaatttttta tatactcgtt tgatagggtt      420
ttttaaaaca catgactctt caggactaca agcagtatta gtctgggttt ctacagaagc      480
ctgtcctgag gaagaatttg gactagctgg tctggaactt aagttagaac ccacaacagc      540
tgtctttcca tcaactattat ttttacattc tgnatcaatg attaaacact cctcatctgt      600
atcactgctg cagagaactg tatcttcagt ttttgctgct tctgatccaa cagtcttttc      660
ctttgagttg gctanggttt ctagaacatt aggnctttca ccatcagcat gtaatatatc      720
tatagncata tcattttatt agaagttcaa tttcttgaaa t                                761

```

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

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ttgcaaannc cctgtttcna atnncnaggc tactcgttct ttttgcaggg atcccatcga      60
ttcgtctaaa ttcattgntt atatttatat atgtccttaa tctcactca cattggccct      120
acaggtagat tcattgctca ctgtcagttc tcttgctgaa gttttcctat tttctcttg      180
atttgctgaa attccttctc cagtagttta atcaaaaggg actaaatgaa aaaaaaata      240
ttcagttggt gcaagttcaa aaagggtttt agtctttgtg tttgattgac agctttccag      300
catataaaat tcttaggcca cactttcttt ccttgagaac ttcacagatg tcaactctgg      360
ctctagagtt aaatgccctt gtgggaaaaa cttgagctaa cttctatttt ggtacccttt      420
atgaattgat gntttcactt gactgnccaa agtctttttt atttaactgg tcccccttt      480
cttttatatt ttaagtctag ttacttttca tagaaattac ccttggtatt gacagatttt      540
tgncattttt ccccaaagac atggtgtgcc ctttcagttc gtagatttat cttcttttac      600
ttcaagaaaa ttttcttgga atgatatctt taaatattta tgttccccta tttgagtttt      660
ctattctggg gatatatgat ggggtccctt nagancttnc aaatctgnaa tttctctgna      720
atctctttac accggtcatt tcaatttcct ttgctcactt tctcatctt ggtctcaggg      780

```

<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

```

gtgnntnnnn nntttnnncn aaggaaactct ttgcnanttn ccctttttgc aggatcccat      60
cgattcgaat tcggcacgag cctagttaaa tcacaacaag ttagtaatnn ataaatgatg      120
tgtcctgttt ctcttttagta gaaattatat ttttggttac cagttaagaa acttgctccc      180
tttgccctt atgttactat aaactcaaga tgatgagttt tgtggtattt gacttcatag      240
gcaaaatcaa aatttttact ttgttgctat tctgttttat gaaataaact tctgtctatg      300

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catttgaact	aagtttcagc	aaattcaatc	taaattgaat	aattccagct	cccagtttta	360
tcctatgttg	ctcataaaac	agttccaagt	atactgcatt	atcttgagat	ttgaagatat	420
gggtgcccacg	gggattatac	taggcaaagt	cgttaagcag	ctctggccta	gggtgtgtgt	480
attttaagag	actctatctt	aggagagctt	aagtgattgg	gctgcaggaa	gaagacattg	540
taaccacagga	attaaaaatg	gattcagatt	gcctgatttt	aacactttag	tttcaccata	600
ggctaattat	gtgacattgg	gcaagagaca	taattcttct	gtccttagtt	ctacatttgg	660
aaaatagaga	tgatttgga	acttattaat	aagatttttg	tgagagataa	ataaacaat	720
ncttttgnaa	aaaaaaaaa	aaaaactcga	gccttagaac	tntgnggg		768

<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 3725

gtncnatnng	tgntantnng	cgncttgcc	taaananata	ggntngggcg	tgattctgga	60
acagagtga	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	caattacatc	120
atgtgctcta	ctatatcttc	ctgtgtattc	aaaagtatct	ttttgaaaat	ggaagggtag	180
atgacatttt	ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	gaagtctga	240
aggatgttca	gccccgggtc	actccacttg	gctatgtctt	gcccagccac	gtgactgagg	300
agatgctatg	ggagtgaag	cagcttgggg	ctcactcccc	ctccaccttg	ctgaccaccc	360
tcatgttctt	taataccaag	taagtgttct	agaggctcca	ctgctggcat	ctgtccagtg	420
aagagtgtgg	aagctatcca	agaggccttc	tgaattcctc	tgacatatat	ttgagaaagg	480
gcttggaactg	tgaaaagaaa	tgtggccctt	ttccatcttc	aagagagatg	gaattaatga	540
tggatggacc	ctggagggaa	tctccccagc	ccgactttca	ctgggctgac	agactttgct	600
gaccacaggg	gaacnatgtt	cntttctttt	cttcatgate	agacntaaac	ctagentcnt	660
taatggaaga	aaaatgaagg	gggaacttca	attatgantt	attcaacgac	caantttnta	720
ttacnccctt	ccttttatga	ccaagntgac	catttnnnat	gttanngtta	aaaaaccttt	780
cccttgccct	tnt					793

<210> 3726

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3726

gnnnnttnnn	nnnnnnnnnt	tttnannata	cagctcttgt	tctttttgca	ggatcccatc	60
gattcgctga	caagtctgaa	atacatattg	gagcctggta	gactgaaaac	tcaagcaaga	120
gttgatgtta	aagtcttcag	tctgaaattt	gtagggcagg	agattaggct	ggaaactcag	180
gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaat	ctccattttt	240
ttctcttaaa	gccttggatg	agccttggat	gattggatga	ggactacca	cattatctag	300
ggtaatctcc	tttgcttaaa	gtaaactcac	tgtgttaatc	acatcaacaa	aataccttca	360
cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	ataaaattac	420
tatcattata	ctttttctta	tcacatactt	ctaccttgga	agggatattt	cccagttggg	480
atagctacaa	aacagaggca	gatcatttag	cctgcatttg	atttgtagtg	aaaaataagc	540
ctttgggtgtg	tttaaccact	gaaatgttgc	ggtttattag	tatagcacia	cttatcctat	600

actggccaac	atagatgctt	tcggttgcaa	gtaacagatc	cccttacagt	ttacaaaaaa	660
aaaaaaaaaa	actcgagcct	tagactatag	nagtcgattc	gtagatccag	acatgataga	720
tcatgatgag	tttggacaac	cacacttgat	gcagtgaaaa			760

<210> 3727

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3727

aaacgcttgg	nnnnncnnnn	ncctttttng	gatacagntt	ctangacaan	agctacttgt	60
tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	cttttttaac	gaatggggga	120
agggatctat	gagaaagggtg	gtatctaatt	tttttatgga	ccataaagggt	ttaaaagaaa	180
ataggggcac	aggctgttga	ggtttttatg	ttgttataga	ccttttttaa	ttatgttaga	240
gatgtntata	ggnattttaa	ggtcactggg	agcgtttctg	attcccggcc	acactttgca	300
tttcaacact	cagcccgga	agatgctcgt	tcggnrtgtg	gacctctttc	actccctgcg	360
tgtaagaagg	tgaatcacgt	gggaaaaagt	gatccttagc	aacgtgccag	gacacttcct	420
gtgtgcctgc	agttgtcang	gaccatttgg	gatcccgaa	ctcattctct	aaaactgctt	480
tcttgaaaca	tgttacttcc	ttagtataat	caatgtatac	tcccttactg	gcctgaaacg	540
ttgtatagct	acttattcag	atactgaaga	ccaacggact	gaanaaaaaga	acaaacatta	600
gctattttat	gctgcaagaa	ccaggacaca	caattcgcca	atcatcccac	catataacct	660
tcgattggng	cttctcaact	ccaccccata	atttcttcca	gagaccatct	atcancctttt	720
ccccaaagaa	gaaacaaaac	cngttgcacc	ttaaaccatg	gatattttttt	cctcangggc	780

<210> 3728

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3728

tnggcnnnnn	gnnnngnnnt	ttnnntatac	agtaacngaag	ctctttgnaa	tnnncctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagatatgct	gaggtcctgg	cctccagtac	120
nttagaatgt	gactgtattt	ggagatggag	atacagcctt	caaagagggtg	agtaagttaa	180
actgagggtg	ttaagatggg	cccgcaacca	atctcaccgg	catccttaga	agaaaaggag	240
ttggagacac	agagagagag	gctagacaca	ggcacacgtg	aagggaacgg	caggggaagc	300
ggcagcgaga	gggtgctgtc	tacagccaca	gagaggcccc	tgaggagacc	aacgctgccg	360
gcacatgat	actggactga	cttaccgnct	ccagaactgt	cgaaaagaca	tttctgttgn	420
ttacaaaaat	agcagtctgt	agtacttctg	tctggcagcc	caagcagact	aatgtatagg	480
gcattagatt	gggcgtaagt	aaaatataaa	ggaacttaag	tattgaatag	tgcagggtgct	540
gtgaggaggg	atacattgng	ttntgntatt	ggtcatacag	agctagctgn	tacctgagggc	600
ttcacaatgt	aggntctact	ctaagtctgc	tgcttaaaaa	accccaggcc	gggcatggggg	660
tggctcacgc	ctgtaatccc	agcacttttag	gaagccgang	cgggcggatc	acgagggtcan	720
ganggcnaga	tcaacctggc	caacatggng	aaacctgtgc	tntactnaaa	anac	774

<210> 3729

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3729

taatgcttgg	nnnnnnnnnn	gnnnttnaaa	cnnagtttca	aatcgctnng	ctatcgcttt	60
tctgcagatc	ccatcgattc	gcgaggccag	ttccaggccc	actttttgcc	ctgtgagccc	120
cctgcattnc	tggnntntcc	ttttncaggc	tgcctnctng	tggagcttct	ctatttnacn	180
tctactactg	tatccatgnc	tntagnnggn	cctntcagtg	atgtngctta	tntccccaat	240
gacactgatg	ggagctnctt	aagaacangc	tgtntacgga	caaggatgtg	aagtgggtaca	300
agggaaaagt	angccgnnta	ggacctgtgg	gtgtgtcatg	actgtgcttg	tatctcttgn	360
tagctttgtg	gccttaggtt	caatgctgac	cctttctgag	gctcaagttt	ccttatcttt	420
aaaataggta	ttaaagggaag	taatccggtc	catacctgag	cctgggtatg	ccctcctccc	480
ggacgttcct	gttttctgat	cgtcttcagc	acagacatga	gtaaagtgac	aatgaccagt	540
cctgtgactt	actgagggca	aggtgttcca	attcagattg	tatactgata	attacacagg	600
gaaataagag	aaganacaag	ttanaagcct	gnagattata	gatgtttttg	aagaatacat	660
tnttttgcac	taataaatgt	gaccagtttt	taaaaagttt	tcagtattag	aggaaatagc	720
cacccccata	ctacttctac	tactgcaatt	actatcttagc	aatttttatt	ntttcttttn	779

<210> 3730

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3730

gnnttttnnat	nccccncttg	caaancntng	gctacttggt	ctttttgcag	gacccatcga	60
ttcgaattcg	gcacgagccg	gacagagagc	gcaggagccg	cggtaacccg	gcttcgtgct	120
ggggctggat	gtgnggcagt	tctgtgatcc	gctgccacgt	ctatgaccgg	gcggcgcnng	180
gtctgcgggt	tccagcgtgc	anaaggtaga	aaatctttat	cctcaaattg	gctgggtaga	240
aattgatcct	gatgttcttt	ggattcaatt	tgttgccgta	ataaaagaag	cagtcaaagc	300
tgcaggaata	cagatgaatc	aaattgttgg	tcttggcatt	tcaacacaga	gagcaacttt	360
tattacgtgg	aacaagaaaa	caggaaatca	ttttcacaac	tttataagtt	ggcaagactt	420
aagagctggt	gaacttgtaa	aatcttggaa	taattctctt	cttatgaagt	agagacaggg	480
tttcatcatg	ttggtcagggt	tgggtcttgaa	ctcctagcct	cacgtgatcc	gccacctcag	540
cctccaaaat	gctgggtatta	caggttcatg	catccaggag	catatgcaag	atactgaaca	600
gttccgcact	acaaagatct	cttgngttgg	tcttctgtaa	ctatatctac	cactctncta	660
tacacctcct	accctctctc	attcctagct	cctggcaacc	actaatctgt	cctccattta	720
aaaaatgttc	taatttgaaa	aatgtatatt	catagga			757

<210> 3731

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

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ggnnnttnna ttccccccct ttgcaaaten ataggctact ngttcttttt gcaggaatcc      60
catcgattcg tgtacatgtt ccagtgggat gggaagcagc agagaccaac agagtctgaa      120
gaagcaagct tctgagttat gaaagcctgg gttcaggaga ctaacctata tgtaggttcc      180
taggaaagtc cagttaaagg gcctactttg cactgctgc ctcttctta atgctgaacc      240
tcatctccca caagggggca gtctcagcag gtgtcagctg agccatgtgt catctgtcca      300
ggctaactgc ccacacatcc ttctgcaaag ggtacctctt gggtatcagt gctcactgat      360
ccctatataa tcagactcta atccctgtaa aaagattact tgggtgctagc caagctagca      420
cctttgggtc ttcccaaaca tacaccacta atccagactc taataacttc atttcttta      480
aattacaaga tcagagctga aataggcctt agaaagctag tctgggctgg gcgcaatggc      540
tcaagggagg cggaggttgc agtgagccaa agactgcgcc actgcactcc agcctgggca      600
acagagcang acttcatctt gcaaaaaaat aaattanatn aattaaaaat ntgaacctat      660
atgggattta acctcttctt ctcaattaaa agttatttta aaaaaaatgg caaaaaaana      720
nnanngnnaa naaaaaaaaa cttcngaccc ttttnaaact nttangnggg gtcennattt      780
accggtagaa tccnagnn

```

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

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ggnnnttnna annccntnnt tgcaaatcgc naggctactc gttctttntg caggatccca      60
tcgattcgaa ttccgacaga gnaatcaata tttttcaata gaagtattag aggttttttt      120
tattgatata aaaataacaa ttacagatcc tgatatatag aagttattca aaattataca      180
gttttcaaaa aatcaagaca agtaggccca atacaaacta ctgaatcatc ttctaatttc      240
cctctaaaat atttatagaa atatgtaagt agaaaaacat tcatcctttc ctctgtctaat      300
tatgatcctg ccatattcca ggcacaagag aaagctctgg ggcttgagtc ttaatagggc      360
tgatagtcca accaggggac agggatcat aaagagataa ttcaaaactt taagattgga      420
gggtaggtga tggtagaaaa ttctgaggca aacatttggt gatgctcatc atttggtgat      480
gtcatcaaag atcaccaggg cataattata atcaaaatta gttttattga tgcttgctgc      540
agcaagagag actgcacacc actgggtgct atgggtgctt ctcagtggga aggtgtaagg      600
aggggcttgc taagaatttg agcacatgta gctaatttta aggagggctc aagtgaagca      660
aggggttctt ctggattgag tgctgtccag aaagtggatt gagtgctgca gaaagtggga      720
gtgattttgc actgggganc ttaattttta tggtgtgggt gggang

```

<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3733

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aaatcnnacg ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagggga      60
aaactgctaa attaaaatac tacattttac ggaaactgtg gagctgcctc cttgatagaa      120

```

tgtaggtct	gttttgttg	tcttctgct	atgtctcttg	acttgtagtt	tcttttgttt	180
caaatcactc	tgcctcgtat	tatacttttg	ttagactact	tttggggaag	cactctccaa	240
tagaagaaca	taatgtggtg	tcaattgtgt	agggatcgcc	caagegttgt	ctagcatttc	300
tgctccccag	cagaagccat	tttatccagc	cagagttgtc	cttcacagtt	ctagcatagt	360
ctaaactcat	tttctcattg	ttcatattct	ttctctccca	cccactctgt	cttccctggc	420
aattcaagtt	aaattccatc	tctcttcttt	gagttgctcc	cctgaagtaa	gatttctggt	480
tcttctggca	ttttacctct	aaatttatca	ataacatggt	tattctgctg	ttcttaagt	540
cggtgtgtg	tgtgtgtgtg	tgtgtgtgtg	agtgttttta	atcttctctt	gaatttagaa	600
gatgagaatt	tagtctttct	cctttcccca	ttctacatt	actcctaaat	tgaatcttta	660
atataaaaac	atttatttta	gtttccagtg	tcatacataat	tttacctttt	ttctactcag	720
gactataaatt	cccagca					737

<210> 3734

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3734

aaatcnnnag	gctactngtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
tnaatnntng	tttganatca	tgccnngatn	ngacntcaag	cnatnaagga	actgcctnaa	120
tttgccactg	gagaaaatct	tcctcgagtg	gcagatntac	taacncagct	tttgcnnacn	180
ggtaagggat	attatnnnta	ccttttntct	taaatatnta	tcntctttct	naaatgttga	240
ctctggattt	aggttnnaaa	tgggggtgcag	ganagctgga	ggnccctnct	ctgatngaga	300
ntaaatcccc	tactntcatt	cagacgntaa	agnгааatga	ttntctggta	tctaatnccct	360
ggngntgttt	tggatntaat	accctcntga	aggngnaatg	actanattct	tntgggcatn	420
tnagatgtnt	nntaatnttt	cncnccnatnn	nctgnagtat	cataatcgna	gcactcttaat	480
gaaagttttc	aggcatgcca	gatcnggatc	tcaancttac	aangaacacg	tatctntgtg	540
ggcttgaggg	aatggcttag	ntgataagca	tcctgtcaat	gtaacctnga	taaactnagt	600
agnntnacgt	tgnaaaactg	angcanntga	tattcaaant	agnaacntat	tcattgtgcc	660
nctntttctt	tactccanat	gactcttgca	naattgaacc	nagtggacaa	cgcctatta	720
aggggtgtccc	ananggatgc	caa				743

<210> 3735

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3735

anantacan	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
tcagtgttgt	aattccctat	tctagcactc	tcaaaagtac	cccatctgtt	acacatgcag	120
aaactgcagc	agcatctgaa	atgtccactt	cttgattcat	tctgaactcc	cttaagccca	180
gtgtttgtta	gttctcgttc	aagtctagga	actctgccga	gtaacaggta	tctcaatttt	240
gccatccttt	ctttctgcat	agacaggagt	gttcttaaat	cttctcctgt	aaagcaagtc	300
atctctgatt	tccttgagga	tcattgctcc	cgtatactgt	tggtgggggtg	agccttctgg	360
tagaggggaa	gagaatttgg	tactagggtt	gatagtcaag	ttactaaggt	tctttatcaa	420
catctcagag	cagaagtttt	gagaggcccc	tgaatcgctc	tggaattttt	cttcagttag	480

```

cattttttgaa gactgggacc aggggttggat taaacttttg tgatgggtcc attgtgtctc      540
aacacaacac tgagcttctc ctggatcttt gaaaccacgc agaaactgtt gctggactct      600
caaattgcca caaggtagac cagaaagagc ctgaaaaccc gaactccaac catctttttc      660
tttctttttt aatgcagaca tgggtgttgc atgttgacgt gagcccgaga tcgcaccact      720
acaactccacc tggcgacaga gcg                                           743

```

<210> 3736

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3736

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aaatcgctng gctactcggt cttttttgcag gatcccatcg attcgaattc ggcacgaggt      60
aagcaatgtg ggaaagcctt cagatctgcc tcaatccttc aaatgcatgc tgggactcac      120
cctgaagaga agccctacga gtgtaagcaa tgtgggaaag ccttcagatc tgccccacac      180
cttcgaatcc atggtagaac tcacactgga gagaaaccct atgagtgtaa ggaatgtggg      240
aaagccttca gatctgccaa gaacottoga attcatgaaa ggacacaaac acacgtaaga      300
atgcactctg tagaaagacc ttataaatgt aagatatgtg ggaaaggcct ttattctgcc      360
aagtcatttc aaatacatga aaaatcttac actggagaga aaccctatga gtgtaagcaa      420
tgtgggaaag cctttatttc tttcacttct tttcgataac atgaaaggac tcacactgga      480
gagaaaccct atgagtgtaa gcaatgtgga aaaaccttca gatctacctc acaccttcga      540
aaacatggtg ggactcacac tggatagaaa ccaaagcagg tgaatcacct gaggtcagga      600
gttcaagact ggctgatca atatgatgaa acccctgtct cttctaaaac taaaaaatt      660
tggccaggcg tgggtggcctg gcttctgnaa tcttagctag ttgggaaggc tggcacagga      720
gaatcgcttg gatcttgggg ggcanagg                                           748

```

<210> 3737

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3737

```

ggnnntttcaa anccgnnttc aaancnagct cttgttcttt ttgcaggatc cctcgattcg      60
aattcggcac gaggtttttt aaagaacttg ataaatttac cttaaaattt aaataaagta      120
tactgaataa ctaagtcaac ttagaaaaaa aaaagtgtta tctaagacaa gttacaaagc      180
catcaccaaa gcccatgatc cggcagacga ctacaagcat agggtcagat ccatctataa      240
atgagagcct gacatacttc atctatagca aacatgggag acaaatcagt ggtaaaatga      300
tacagtgttt gggaagtgtt atttgaaaga tgggcttatt taatgtatac agatgaactc      360
aattcctctg taatagaaac ttgttctcca gagagattat agatctaaat gcaatgaaga      420
aaataccact ataaatttag tactctttat tgtaattatc cccaatgggt atttttactt      480
tctcacttct tagatgattt tccaagtttg tctagtatct gagttaaaac aaaattttta      540
actttcttat aaaacatagc gtgcccccat tttagttcat tttctacata gaaataaata      600
aaacacttag ataacagttc agaaatagtt aattaaatat atcccagatt cccacgatc      660
tggaaaaatt atatcttcaa aatacttctg tctgggtggat atgtgtcttc taaaaaaaaa      720
aannnnnnna aaaaaaaaaa cttcggncct ntagaacttt agggngtc                                           768

```

<210> 3738
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3738
 gnnnnnnnnnn tttnnnnntt tgaanccett tgctctngnt ctttttgcag gatcccatcg 60
 attcgtgacg agcgactgta gacgttgcca gcatgtattg atcaggagca gcctgtgagt 120
 caagactgac aacagatcaa taaatggctt ttaaaaagca aaaccctca agctgtttat 180
 ctaggaagcc tgacaaaccc tgcccgagc ggtgtggccc catgtgtccc cagggcctgg 240
 ggccacctc tgccccagaa gtccctcttag tgtctgtaga cagggtcccat ttccaccagg 300
 tcaaccaggg ctgtggcagt ggacctggat ggcaggcaga gcagaggacc gctgttctat 360
 ttgttgaagc aacgaggcac agtgactgtt ctagcacagc tggctgtgag aaatggcgat 420
 gatggatcca ctttagatcc gaagtcttag caaactcagg cctcttttcc acagagaatg 480
 ttgtgaagac ctgggaatga gctgttgatg tgcattttta ggatgacagc ataatggaga 540
 aaattggaag tagcatatgc caaagtatga agtggtcaca cagctccctt gggttgggtga 600
 tttatgggaa gcttttttct cctttatact tttatctact ttctaaatct gtcaatatgc 660
 ttngtcttc tatgaacaag aaagaaaagt ttaaaaaaaa annnnnnnnnn nnnnnnnnnn 720
 naaaaaaact ngagccttta aactntnggg gncgnttacc taaatccann 770

<210> 3739
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3739
 gnnnnnnnnnn nnttngggca nanggaaacc cntangcaan cnactganag aacccttggg 60
 aaggaccca ncgaancgaa ngcggcacga gacanacagn mnannantta cacaccgggg 120
 ntggngang aataangagg annnaangag ccnctnccg aggnngcccn aagncngcag 180
 aagacaaaga nccnggnnc aggccangaa aggactgaag naaananngn aaanaagnac 240
 agcngaccct ngaacaacan ggaggnnagg ggnncagnng aaaancngca tgnaagnnga 300
 ccngngcagn ccaaaccnga gngnaacngc ngaatnaaag gggcnnccnn cngcncanag 360
 anagnacca natnnacaaa catgctagag aaaagcaacn ggggnaaaac nngccccac 420
 tagagaaang gacaggaggg annaagncac nnggaaagan aganagcaga actaagcng 480
 gnaaaagccc angaaagggn gganaacnana aagnagccaa aacnacncna gcaaagcann 540
 nnaaggcaga aaacnggggc aanagnaacn aacncngggg gccaccnaaa aanncanaa 600
 cagggnaga ancacannnn nnacancang caaaccancc nnacagaggg agcnnaccnn 660
 gggaagagcn nnnaaanggn acaggncann nnagaagagn aanaccnca ggcaaaangg 720
 gaccaaggg acanagaaan acaaanngg nnnnncacac acngaaaaa anngaagcaa 780
 aac 783

<210> 3740
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3740
 ttatanatac agctcttggt ctttttgcag gatcccatcg attcgtttta acagtgtgcc 60
 ttgtggggagg gacccatgtc catggcttcg ttgagggcca tccatatgcc agctggggggc 120
 cagcccacag tggccatatt ggctgcagca ggaatggtgc ccacctcggc gaattgaagg 180
 gctaagagtc ccagatagct aggccagagc tggaagcaga cagtaagggg aagagctgct 240
 cccacaggag agggagagat tccagctcac tgcgcagcct gggaggaggc gtggatcctg 300
 gcacgctgag cctcaggcac cagcctccct gtgctcgaca gcaaagtctt gactccttcc 360
 tgctgagcac tgtgtacct tctactgtcc aaagccagac taacagctct ccaagccctt 420
 ggggtgactc ggcttccagg agctgttgga gaaatgagga tgtctgtccc tgtctgcctg 480
 ggcaggccag attcctcccc agcagccggg tctctccaga cctgattcg gtgcctttct 540
 gtttaccagc tacttcaatc ccaaagtttg aatctgcaga taccttactc ccagccactt 600
 tgcttcttta ctgtgttggt tgttttctct ggtgcttcaa gancgtgtgc anggcaaagt 660
 gccgcactc gggaactgca ccagatgctc agacttggtt gncttatgtt taccaataaa 720
 taaaagtaga ctttttctaa aaaaaaaaaa aaaaaa 756

<210> 3741
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3741
 tnaatatata gctcttggtt ctttttgcagg atccctcgat tcgaattcgg cagcagactc 60
 tctctacaac tgacagagta aatagacaaa aaatgtatgg gggatatgga atattttatc 120
 aacacaagta aaaagcttga tctaacaggt ggggtgggcca ttctancnac canngaccn 180
 gnatntaaan cnatnangn tncatccana ttcattgttg cntntnnnt antgatntct 240
 gtntnanttn tcanntntac antnnancnn tntnnnacn naacagnac tannaggtcn 300
 annagctnn aattnannnc tntnannccn tnnctcnnt nattntnnnt nntntnnncn 360
 anactnttnc antatnatan ngnatcntnt actnttntn nnnnantanc nnnnnanngn 420
 nttntntnta ctanngncc tanttnannn atcnntntnt ntacatctnt nctactnatn 480
 atnnncannt natatatnt nntnnnatna aaggantnt ntncnnantn cntnnnnana 540
 natnctnatn nccntannn nntnannttn nnnnaanana tnnnancnt tannnnnnnn 600
 nnnnanntt annnnnnnnt nntntntnn ntntntnnnn nnnnnnnaan nggnanannn 660
 nnttnnnnca attntnnnn annnnnnnnn ttannnnnn antannnnat nntnnnnnna 720
 ntnannaant ttnannttna n 741

<210> 3742
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3742

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atacagctct tgttcttttt gcaggatccc atcgattcga attcggcacg aggaccacct      60
acggaaaact gaggcccaca taagctcgat tggttgtacc tccaacagat atttattaag      120
cacctactaa atactgagcc cattgcaagc accaggggaag cctctgtgaa cagcacaagg      180
tccttgctct ggagattctg cttcagtggt ggagacagaa aataaacagt ttcccgtcac      240
caatttttct tgggaattgga cagatggcag ccaccataat gatactatat gtgtccaagc      300
taaacaaaaat cattcacttc cctgattttg ataagaaaat tcctgtaaag ctgtttcctc      360
tgcctctcct ctacgttgga aaccacataa gtggattatc aagcacaagt aaattaagcc      420
taccgatgtt caccgtgctc aggaaattca ccattccact taccttactt ctggaaacca      480
tcatacttgg gaagcagtat tcaactcaaca tcactcctcag tgnctttgcc attattctcg      540
gggctttcat agcagctggg tctgaccttg cttttaactt agaangctat atttttggat      600
tcctgaatga tatcttcaca gcagcaaatg gagtttatac caaacagaaa atggccccc      660
ggactagggg aatacgggta cttttctaca atgnctgctt catgaatatc caactcttat      720
tantagnctt tcactggaga actgc                                     745

```

<210> 3743

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3743

```

tnagatcagc tcttgttctt tttgcaggat cctctgattc ggtacaactc ttaaagcttt      60
ctacatttta catatacagt catctctcag catcccaggg aagattgggt ccaggatggg      120
ctcaagggtcc tgatataaaa ttgcgtagta tttgtatata acctatgtac atcttctcgt      180
attctttaat ctctagatta cttataatac ctgatactat gtagatgcta tgtaaataat      240
tgttatactg tattattttc aaattgtttt attgctattt ttattgcttt tcctgaaat      300
atttttaatc cacagtaggc ggatgcagaa cctctttata cggagggtcg actgtgtagg      360
agtgcagctag tttcagttaa agcagcgggtg gttgggtactc atctctcacc tgccccacg      420
tagtgtagct agggcatcag ggagtactga tctctggcat catctgggat caacaggatt      480
ttcctgcctc acaggcctgt gagcacatta gaaatacacc tgctcagctc aagtcaaagt      540
gagaagcttt tgaatggagt gataacogag taggcagtat ctaaataaag atgattgggt      600
caagtctcag tggacaaatg tgtaccgttc tattactgnt gactgtgact ttgaagtata      660
tggngttcat taagcaaate caatctgate gtatgaaaag agcaccceaa aaaccaaaat      720
gaaaccatct atcaggactt ttgnagctat gaaa                                     754

```

<210> 3744

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3744

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tnagatcagc tcttgttctt tttgcaggat cccatcgatt cgaattcggc acgagctttc      60
tctggcagtg attcctgaag ggaaaatcat gaacaacacc tactaccagg aatgcctctt      120
ctacctgcac aactatagca ccaacctggc catcatcagc ttctacgtga ggcacagctg      180
cctgcgggaa gctcttctgc accttctcaa caaggtggga catggacaca gctcaaaaag      240
gcagtgcctg ccttactcct ctggcttgga ccactcagcc ttaagcggga caataacccc      300
ctgacactta accctgtggt gagctatggg gccatctcta gcagagtcaa gtcaaaacag      360

```

```

gggactctgc acaactgtta ttcagtgagt gtgaaaagtc ttagcctaga tcccaaataca 420
ctgccctcac cagcaaaggc atgttttcatt ccttctgcc aacatgcag cagaatcgga 480
tagtggttaa gagcatgtct ctggaatgag atgctcagtg tgagtcttgt gtggccttgg 540
gcatattgct tagagtctgc ttccacgcg ctccttacct ggcctgggat ggtgtccagc 600
ttctgaccca nctgctggtc cattcagagt tgttactaca agggccagga agtaaccatg 660
gtgcaaatcc tatagttgaa ccccaaatag atgatgaaag aagaaaaann nnnaaaaaaa 720
aactcgagcc tntaaaacta tagtgagtcg tt 752

```

<210> 3745

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3745

```

gnnnnnnnnn ttngnnntnt gaagccttta ntganttccc ttttttgcag gatcccatcg 60
attcgcagca tccacatgac aggcggcgcc gaagggatcc tgcccctgac tttcatnagc 120
tggtgaacca tctggaattc acaggcctgt catgagagac acgatgagaa gtccttaaag 180
gtagatcact gattcacagg ggagcaggcg gaggcaaggg tgagtcagtg cttggaactc 240
agtcacccag atttggctct ggaaacttct gaagctgtag cctttgggga tccctgactg 300
cgagtacagg aagccaacgc tatgtggtct tctggaaact cattatcttt ttcactggtg 360
ctatctggga aaaacagatg aaaacctgaa ggtgttctgt atgtgtgctt tcaaaagcaa 420
ggatctggcc ggacgcagtg gctcaggcct gtaatcccag cactttggga ggccgaggca 480
ggaggatcac ctgaggtcag gagtttgaga ccagcttggc caacatggcg aaaccatctc 540
tactaaaagt caaaaattat ctgggtgtgg tgggtgggcac ctgtaatcac agctactcaa 600
gtagctgagg cagaagaatc agttgaaccc aggagggcana ggttgcantg agcagagatc 660
acaccactgn acttcaacct gggtgacaag aatgaaactc cgtctcaaaa aaaaaaaaaa 720
aaaaactcga cctttaaact atagtgagtc gtattacgta natccagann 770

```

<210> 3746

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3746

```

gnnnntttnnn nnnnnnntt ttznaatagn nagctacttg ttctttttgc agggatccca 60
tcgattcgaa ttcggcacga ggctatgtgt tctgactttg ttgattcaaa taagtaagct 120
aaatcaattt aagccattaa taggtttata aagttatttg ctatgtgttg ttcttacatc 180
attgattcat gtaagtagac ttgtgtgaca gctaattctt aaaaaattat gaagatgtta 240
gacttctttt gatataata tggtgattgt atgaacagat tgacatcaat atacttattc 300
attataaaaag atttgagtgg gaactcacca aatcccacac caaaaaaatt taaaatttta 360
ccatagtaaa aaaaactaaa aagcaagatg aaattatata tagttcttgg tgtagtattt 420
ttaattttta ttatttattt ttatagaaat ggggtctcac cattttgccg ggctgttctc 480
aaactcctgg cctcagggtg tccgcctgcc tcgacctccc aaagagccag gattataggg 540
atgagctacc atgcccggct agtgtagtat ttttaaattt tacttaatgc tgagccattt 600
tcaaataacc tcatcacatt gattatgacc tcatgcaaga accatctggg ctatctttca 660
gtgtagttgt ctttaatatc ttagaactat tgcattctgn ccttttttgg gaatggttta 720

```

tgctttttaca gtcttaacca ttgctttctta atatcacttt ccgcggnaca actggg

776

<210> 3747
 <211> 960
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(960)
 <223> n = A,T,C or G

<400> 3747
 tannnnnnncnn nnnnnnnnnnn nnnnnnnnnan nnnnnnnnnnc nnacnnnnnag gnnnnnnnnnt 60
 cnnnnnnnnnn nnnnnnnnnnn nnnnnntcnn nnnntnnnnnn nnangtannt nnnntntnnn 120
 nnnnnnannan ngngngnnan tttnccaaaa taccnagtt ttctaaaatn ccttgggcnn 180
 aatccgcac tcgcngcaag gcgaccntc gnattccgna attcggcnac gaggggcaag 240
 gagtatngan tttcattcag gaattttntt cangcaattt natcaatctt attcttgaat 300
 tntattcacc aataatggct cgccatngan gagtntaaag tnaggaaaca nngctatcct 360
 tattcacatt ttgcaaagtt cctccatggg ctactatgat gantaatcaa ngncangng 420
 gaggtaanaa gtgaactngg ganactngtt gaccaccnca ctcaatcccn cngatantgg 480
 caccatntac tnanngnnnn acnnatcnnn atnacattaa gaggatgntt acnctgata 540
 tggtgactgg cttgttgga ggacctatag ctggaacatg cttccattgc caagaaagga 600
 gctacaggtn aagagacact agtnaccnt atgatngccg gnttccagcc tggcataatg 660
 gnganttgcn nntgacntna atagcatntc ntgcnaaat ngaactnnca agatagaana 720
 agcaanngca agggaatcnt tgcntgcttt aacccttact catcnaaang gcctctenta 780
 ctncaaaagaa tttacanatc cngcttacca tttatcaacn ccaatgctgc ttaccgtngg 840
 tnaaccaccc aannttgntc ttaaaataac cacaangtnt ncnaaaangc cnaaactcnn 900
 ancctntaga actataagtn nntcaagatc cctatnatcc atncttgata aatanacgnn 960

<210> 3748
 <211> 758
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 3748
 ttannnaatnn ncantctctt gttcttttttg cagggatccc atcgattcga attcggcacg 60
 aggtgacaca gagacagaga aacctcccc acccaggga gcagctctgc agagtggca 120
 ggatcagggg ctagtctgaa cccctagcac agaactca cctcacgga gagtggccag 180
 aatgttttcc acataggtcc tggctctcac ttctctcac tgagcagggc tgcccaacgt 240
 gggacttctg cacaaccatc ctgcccctgc ctgaccactt caatcagagg cagcctggca 300
 gttaaaggaa caccacaca cagaggtgaa aaagaaccaa ttcaagaact ccagcaacac 360
 aaatgaccag aatgtcttat gtcttcaaa tgattacact acttctccaa caaggttctt 420
 aatcaagttg agttggctaa atgacagaa atagaattca gaatatggat aggaacacag 480
 atgaccaaga ttcaggagaa tggcaaaacc caatccaagg aaactaagaa taataataaa 540
 atgatacaga agcagaaaga caaaatagcc tatataaaaa ataataaac tgatctgata 600
 gagatgaaaa accaagctga ggaaagaatc ttggaactgg aagactggct ctgtgaaata 660
 agacaggaaa aaaaaaaaaa gaannnnnna aaaaaaaaaa tcgagccttt agaactatag 720
 tgagtcgtat acgtagatcc agacatgata agatcctt 758

<210> 3749

<211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3749
 gnnnttnnnn nngnnnnnttt aaaatacagc ttttgttctt tttgcaggat cccatcgatt 60
 cgctgtagtc ctatttttgcc atatgacatg attgaaatca acacctctta gaaatagttt 120
 tgctgcctca taattgatta ccatcatgat aacctgtagt cagtgtgaaa tagagataaa 180
 aattaatgta cttagttaaa tgcataatgaa ggtctaactt tgttccagag ttactcttac 240
 tggattattt ttagattttt attaacatta ctggtctcta actttactca gtctggataa 300
 gaaaaagaat accatgcaat tgtaactat ttgatgttta ctagattaac tattaatata 360
 ttgttgtggt ccatatttaa gagttacttt gttactagag atttcattat agtgggtgtt 420
 aatatagttt tgggtatttt taactaaaaa tcattgttat ccttcaactg tagattctac 480
 tatgaaatga ggaaaaatca gcaatagaat taattgggtt caaagtatat aaataatgat 540
 gtgggaaagg gaagtcagag ggtatctctg gaagaactga tttatctgaa ggtaatactg 600
 agtgaaagaa cctaagattg tagacaaagc atgctttatg caattttgct ggtcatagta 660
 gtagtagagg ctctataaat gtgttgggtg tttttgggtt taaagagaca gtgtctcgct 720
 atattgcccc aggagtttaa agctgcagtg ccctgtgggt gcacctgtga a 771

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3750
 tgnnngtttc naatagnnag ctcttgttct ttttgcaggg atcccatcga ttcgaattcg 60
 gcacgaggtg aattcctcag caccaagttg tttaacacag aagagaggtg gaaacaaaaa 120
 atgcttgggt tttactggct ttcttttagc atttctgtct agtcgaaatg ggggccaggc 180
 ttgcacacat agacaactga attaatgtaa ccggacctat tccatctagg ctgacctctt 240
 gaaagatagg aggggaagtc taaaacagga gaaaagtgtt agaaatcctt tggattaggc 300
 ttaccagat tagtggtatg taaaatatta tgatattctt agtgtttcag gattatggat 360
 tttagtaaaa gcagaaaaaa ataaattctt gtttaactga atctataatg gcaccagtgg 420
 tttggaaaca tttctgagtt acttgatttt atgtgaaaaa atctggaata acttttcctt 480
 ttttccttta gaccattttt cttttattta acctaatecg agccacttta taccaatttc 540
 aacaatatat ctgaattcct gtgatctttt atttcctttt tgctgctttc agctgtgttt 600
 ctctccactc taagctcatt aaagttaaaa aaaaaatagg agattggacc catttttttt 660
 tctgaggagt gtggccgttt aacaccctgt ggtggctcag gatattttta gtagtatttt 720
 cagctttcta gaantggtg ncttanttag naaatagtta tnggaa 766

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3751

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aggctncttg nnnnctantg aagcctttgc tactagctna gctcttggtc tttttgcagg      60
naccatcga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat      120
aggggaaaac aggtggaata atattgaaaa ttggatcaag aatatagggtg taggcgttag      180
ccattttatc ctgggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg      240
aggcgaaagg aatgaatcca gcatgctctg tttagtgatg tagatgagat cacctgggaa      300
ggcatgaatg ggcgggcaga gtggggtagt gacttcagaa gagtaataag gggtgaaaag      360
cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttcct ttagaataat      420
taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta      480
cttatttggt gtaccacaa aatactatag gggctctgctt actttctctt gaaagcatcc      540
ccttggtaat tattctttta tgtttctcta attgcatgct ngagaaagca tctgttagat      600
gcaactagtc tttagaccct gaacacctgc agatcttggt gatgcatgcc caagttcaga      660
aagctctgaa agaagttgct ttaaaganga taggccatgg cttttcagat acngaccttg      720
aatctgtagt gggttcctang tttccaatcc taacattacc cacttggtaa g              771

```

<210> 3752

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3752

```

agtnntnnt ttttgactcc ttgctggnet cttgttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgaggccaca tagcaatggt ntaactgcag gactcaggtc cacttgccca      120
gcagctggca ggggaaggcc atgaggcagt agagtcccta caggccaaga aactgagcag      180
aaccocatgcc tccagctcac cagctgcatt gaagcccca gctggcaggg agactgctgt      240
gaatggacag ggtgagctca tccccttgaa gaacattgag ggagaattgt caagtgctat      300
tcacatgacc aaggatgcca ccaaggaggc tctacatgcc accatggacc tcaccaagga      360
agctgtgtcc ctgactaagg atgccttcag tttgggcaga gatcgaatga cctccaccat      420
gcacaagatg ttgtccctgc cccagccaa agtctgggtcc agaactctgt ccacaggatc      480
tctttcaaat gtctcagata atgctggtgt tcaagggagc cctcttgtga ataattatgg      540
ccaggggtca ccagcagcca acagttcaat ttcaccagg ccctggaccg ccaaacagct      600
actcanctgc ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga      660
gactgtttgg cccgggcccg agaagaagct tgctggcnaa ggggacgttc caacgaagag      720
accactgtcc ttcgagcagg anttaca                                747

```

<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

```

ggatgaacat ggcatacat gattagaaaa caaaattca tttttgatgg ctgttgtggn      60
cagatcgtgt cctctaaaat ttatgtgctg gaaacttaat ttctagtgtt aacagtgccg      120

```

```

agaggtagg gctttgggaa agtttaatgg attaatgccc acatataagg gcttggttga 180
gggaatttgg gctcctttgtt gccccttcca tcctttctac catgtgagga cgccacactc 240
ctcccccttg gaagatgcag caaacaaggt gccatccttg aagcaaagac taagctctta 300
ccacacatcg aacctgttgg tgcctgatc ttggactccc agcctacaga actgtgagga 360
agttaagttt ctgttattta taaaattacc aagtntcagg tattgtgtna tagcaccata 420
aatggactaa anacaatgcc aaagggtggca cttgccatan aactgctgcc gatgatatca 480
actctttgct ttccagagtt aaagctttgg attctgatgg ggttgattct cttttgtgtg 540
ggacccttgt actggttntc attataatag ttcttttcta atntttaagc cgggcccna 600
tggctcatgc ctttaatccc agcacttttg ggaaggccaa ggccnggcn attcaccagg 660
tccaggagnt caagaccatn cnn 683

```

<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3754

```

tcagctcttg ttctttntgc aggatcccat cgattcggct gcacagtggg aagggcactg 60
ggctggaagc cctacccatg tcagggaatg tctgggcctc agatttttat tttctagaat 120
gaagatactt acccccacat tgctgagata tttgaataaa agtatatgtg aaggattttg 180
taattataga atgtcctaca aatgatgagta gttcgtttgc tacttttttg gcgaagaaaa 240
atattgggat gcatgaataa tatctacctt aggtacctaa ggttgatttc atccatttta 300
ttgaatgcca aggatatacc agctactgct ccagatgttg tattcaggga acagaagaag 360
agtcctctgt cccatggagc taacagcatt ctaggggagg aaagatgggt cagctgactt 420
tcacgatctc aggtactgat gaagattgtg aagattatta catcagggtg atgtaggggt 480
gatttagaga aagctggtag ctaggctgtt caaggaaggg cctctgtgag aaaggggatg 540
gttggtggtg tgtggtggtt cagcctata atcccagcac tttgggagggt tgggagtttg 600
agaccacctg ccagcatgga gaaacccgt ctctactaaa aatncaaaat tagcccgga 660
tggtggcaca tgctgtaat ncangctacc tgggaggctn angccgggag aattgcttga 720
accccgggag gcaaagggtt taattgagcc ct 752

```

<210> 3755

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3755

```

naatanacgc tcttgttctt tntgcaggat ccctctnttc gaattcggca cgagtatcac 60
agtttgtaaa cgggtgtttt tgtccttggt attgaagtat acaactctgc ttagccaaac 120
ataccaagca acagacagaa gcgtcacttg gagagaagaa gaaagggta actggcagag 180
ctactgtaaa agaaggatag aggagggtaa gtttgaaagt ggccatgggc aagaattttc 240
tccagatagc tcttgattat aatctctctc acctggatta ttcccatct cctgacagtt 300
tgttctcaca taactatcag cagtcctctc aacacagaat cagaccatgt ctctcctctg 360
ctccaacct ctgaggctct ccatctccct ctggataaca ccctgcatga cctggccctc 420
ctatcccaact gctcctcacc gcgtcctatc caactctcct gttctccttg ctatttttca 480
tatgggccaa gcaagcacgt gcctcacaac ttgtgctctt gggtctctgc tgctgaaac 540

```

tttcttgcc	caggtagtct	catggtttat	gccctctcct	ctttcaagac	ttggttcaag	600
tgtcaccatc	tctgtgaggc	cttctcagat	cacctagtc	tgacacatac	tagccttctt	660
tctactttt	tnactgnac	tcacatctg	ctaagtngct	actggttgca	tattgcattt	720
aatgnctgtc	ccgttgggtca	tgctgggttg	gggngggggg			760

<210> 3756
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 3756						
ttncnaanat	cagctcttgt	tctttntgcg	gatccctttn	tncganttcg	gcacgagggga	60
atgtcaggcc	tctgagccca	agccaagcca	tcgcatcccc	tgtgacttgc	atgtatacgc	120
tcagatgggc	ctgaagtaac	tgaagaatca	caaaagaagt	gaaaaggccc	tgccccgctt	180
aactgatgac	attccaccat	tgtgatttgt	tcttgcccca	ccttaactga	gtgattaacc	240
ctgtgaattt	ccttctcctg	gtcagaagc	tccccactg	agcaccttgt	gacccccgcc	300
ctgcccacca	gagaacaacc	ccctttgact	aattttccat	taccttccca	aatcctataa	360
gatggcccca	cccttatctc	ccttcgctga	ctctcttttc	ggactcagcc	cacctgcacc	420
cagggtgaaat	aaatagcttt	attgctcaca	caaaaaaaaa	aaaaaaaaaa	aggataacaa	480
cctgcttggc	aagtttgaac	tcacaggcat	acctcctgca	ccccgaggtg	ttcctcagat	540
tgaagtcact	tttgacattg	atgccaatgg	tatcctcaat	gnctctgctg	tggacaagag	600
tacgggaaaa	gagaacaaga	ttctatcact	aatgacaagg	gccgttgaca	aggaagacat	660
tgaacgtatg	gccangaagc	tgagaagtc	aaagctgaag	atgagaagcn	nanggacaag	720
ngtatncaag	aattacttgg	tctatgcttc	aaaaga			756

<210> 3757
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 3757						
tnnannatca	gctcttgttc	tttttgcgga	tccctctatt	cgctcagaac	cactctgtcg	60
tttttaagca	gggtcacaca	ctctagctca	ctgggtccat	tttaatttct	attaacatt	120
tttttttttt	gcaaagtatg	tagtaggaga	tccaaggtgt	ttggttaatg	atttattcac	180
tcattagtca	ttocacaaac	ttgtcttgag	cacctgttat	gtaccagca	ctgtgctgga	240
atgctgagga	gacaggagtg	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggctatata	gccaggctgg	aatgcaatgg	cgcgatctct	360
cctcactgca	acctccgcct	cccggttcca	agcgattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagaggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gattttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	agaacagaa	gagctctggaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gctcagaata	ttggctacta	cctgngataa	660
acattttaa	tattgggaac	cagagagttt	ttatactaaa	ttgnaagaa	caattttttt	720
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<210> 3758

<211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758

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aatncnagcc tcaaaannng ctgaacannn ttggcatcaa aatttnntca gaaaatttcc	180
taaaggagat nnaatcaagg gccnnaanac cgcnaanaga tgccctcttgn acactaanca	240
agcatctnnt gangagnnc ttaaacangc ttccagncag aancctgcct ggaaagatgg	300
gtccactgcc acntntgttc tggntgtgga cnccttntt tatattgcca acctcnnnna	360
tagncgggca aacttgtgtc gttataatga gganagtcag aaacatgcag ccttaagcct	420
cagcaaagag cataatccaa ctcagtatga ngagcgtat gaggatacat taaggctgga	480
ngaaacgnta gggatgggag tgttgncggg cngtgctata gggtnnactc tgcatagnng	540
acgtcagacc agnactttcg atttaccctn tgatnngccg acatnagant tctgccnngc	600
tgacacccaa ttgacangnt tnnnttncat tnnctttgta tatanggcnc ttaaanggat	660
ttcctctnctn ngatnatanc ctattnnccc tnatacntng gtntatncta ntnntntntg	720
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ngtcttattc tcntantatt nccncc	806

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759

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tctacgtgac cgacgccgag gagctttgga gcacctgctt cagcccgagc agcctgncgg	180
ncctcgtggg taactgggag ggtctgggag ccgtcacacc cctccttgca ntgcagatcg	240
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgcctc	300
gtagctgnag tcctcccat ggctagggct cttggggctg ggacaggtttn gggtgcccc	360
agtgggcctc gggttncagg cagctcgtga caagcccctg ngctctctag aaagcccgtt	420
ntggcctgag tgcngntgag gacatnacc cccgggttcag gtgagaccca acagggagga	480
aggacngatg ggnagganga ngggtctgcc acagctctcc cgtacctttt ctatnccagg	540
gcagcctgtg agcagcaagc ctgtggctct gacttctgca cgaangacan aagcnattcc	600
ttgacgcttt tcaagggggg ccctaancac ttggcctttg gacctcttca angntaccag	660
gccccaatag gcnagcccc aangctgang ggccgcttta cactggggcc tnggcaaaaa	720
cncgtnttgg aacctgtgaa cnggnnaact ggnaagcttc acnaanaaga caatttntta	780
nnnccnnggg aaaaagcccc cc	802

<210> 3760
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3760
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 tgttttcttct acctccctg cacaacattg tttatatgct tntaaaaatg taacttcttt 120
 agattctgtt gttacgtgca aactgtata tctctccata gcacttaatc agagtttgta 180
 attaggcatc tttttgtgtg attatttggt aaatgtccat atccctact agcctataag 240
 ctccatgact tctaggtagc ctgtctgact acgtgtatca ctgtttctac cgctaacat 300
 tgcttagcac attcattgct tcacaggcat ctgaatatgg ttttataaaa tacattgctc 360
 tagtgcacag gattttaagc taaggatttc atgaatggga tttggggtag gggcatctat 420
 gaaattcctg aaattgtgta gaattttgag aatatgtgtt ttctgggga tagagtatgt 480
 agtttctcag caactcatta cagtctgtca catcatgcc taattctact tgctgtagc 540
 taaacaccta ataacattag aactgaaatg atagtgatat gcaagatagc acgtgtggtt 600
 tccacatatt ctaagaggca tcttcaatta gattccaaaa aaaaaaann nnnnnaannn 660
 naaaaaaact cgagcctnta aaactatagn gagtccgatt cgtagatccn gacatgataa 720
 gaancattga tgaagtttg gacaaaccnca acttggaatg cntggaaaa aa 772

<210> 3761
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3761
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 tacatcagac aggaccacat ctaggacctc ctctctctcc tctctcgact cctccaccaa 180
 cctgcatagc ccaaattcaa gtgatgatgg agcagatacg ccttggcac agtcggatga 240
 agaggaggaa aggggtgatg gaggggcaga gcctggagcc tgcagctagc agtgggcccc 300
 tgctacaga ctgaccacgc tggctattct ccacatgaga ccacaggccc agccagagcc 360
 tgcggggaga agaccagact ctttacttgc agtaggcacc agaggtggga aggatggtgg 420
 gattgtgtac ctttctaaga attaacctc tctgtcttta ctgctaattt tttctgctg 480
 caacctccc accagttttt ggcttactcc tgagatatga tttgcaaag aggagagaga 540
 agatgaggtt ggacaagatg cactgcttt tcttagcact cttccttccc taaaccatcc 600
 cgtagtcttc taatacagtc tctcagacaa agtgtctcta gatggatgtg aactncttaa 660
 ctcatcaagt aaggnggtac ttcaagccat gctggcctnc ttacatcctt tttnggaaca 720
 gagcacngna taaataatta acttaataat aatatgccca aaaaaaaaaa a 771

<210> 3762
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3762

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aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcagtgact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggctgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgccttggtta	aacataagag	360
aatacactca	agggagaaac	ggggggattc	agtgaagggtg	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagt	aacatgtgca	ggggaaaagc	cctgttaata	tggtaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gctccctgca	ctaatatgta	tagtangggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttcc	cacaatattg	gttttcattt	actatcttga	720
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<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3763

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aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcagtgact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggctgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgccttggtta	aacataagag	360
aatacactca	agggagaaac	ggggggattc	agtgaagggtg	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagt	aacatgtgca	ggggaaaagc	cctgttaata	tggtaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gctccctgca	ctaatatgta	tagtangggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttcc	cacaatattg	gttttcattt	actatcttga	720
catagagttt	ggcttgggga	agggggcagt	tttaaangct	tccc		764

<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 3764

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tggagctctt	ctccaacatc	tggggagctg	ggaccaagac	tgcccagatg	tggtaaccaac	180
agggtctccg	aagtctggaa	gacatccgca	gccaggcctc	cctgacaacc	cagcaggcca	240
tgggcctgaa	gcattacagt	gacttcctgg	aacgttatgcc	cagggaggag	gctacagaga	300
ttgagcagac	agtccagaaa	gcagcccagg	cctttaactc	cgggctgctg	tgtgtggcat	360

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gtggttcata ccgacgggga aaggcgacct gtggtgatgt cgacgtgctc atcactcacc      420
cagatggctg gtcccaccgg ggtatcttca gccgcctcct tgacagtctt cggcaggaag      480
ggttcctcac aagatgactt tggtagagccc anaggagaat ggtagcaaac agaagtcttg      540
ggggtgtgcc cggcttccaa ggccatggcg gcggaaccgg gcgcctggac atcatcgtgg      600
tgccctataa gcgagttttc ctgtgccttg ctctaactta cccggctttt gacacttcaa      660
ccgcttccat gcnaaccctt tgcccaaaaa ccaaagggcc ttgaagtttt ntcatagaaca      720
ntgcccttca accacttgnt gtgggtcccg ggaacaaccc atgggatnna aaggngngng      780
ccttgnccca aattgcttnn cc                                     802

```

<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3765

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ggcgttgagt gacactgatt ctgcgtgtgc tccggcctct ccggcagggg gtcctancgc      180
agactttgcy gntcatggag agtctctggg agacaggcac ctgcggacgc tgcagataag      240
ttacgacgca ctgaaagatg aaaattctaa gctgagaaga aagctgaatg aggttcagag      300
cttctctgaa gctcaaacag aaatgggtgag gacgcttgag cggaagttat aagcaaaaat      360
gatcaaggag gaaagcgact accacgacct ggagtcggtg gttcagcagg tggagcagaa      420
cctggagctg atgaccaaac gggctgtaaa ggcagaaaac cacgtcgtga aactaaaaca      480
ggaaatcagt ttgctccagg cgcaggctct caacttncag cgagagaatg aagccctgcy      540
gtgcggacag ggcgccagcc tgaccctggg tgaacagaac nccgacgtgg ccctgcagaa      600
cctccgggtg gtcatagaaca gtgcacagct ttcatacagc actgggtttcc ggagctgaga      660
cctgaatctt gttgccaaat ccttaaatct attgacngaa tttctgaagt taaagaccan      720
gaggaagact nttgaggccc tggg                                     744

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<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3766

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aactcaaatg caccttcaca tctcccaaga ctccagagca tgagggccgt tactatgaat      180
gtgatgtcct tcctttcatg gaaattgggt ctgtggccca taagttttac cttttaaaca      240
tccggctgcc tgtgaatgag aagaagaaaa tcaatgtggg aattggggag ataaaggata      300
tccggttggg ggggatccac caaaatggag gcttcaccaa ggtgtggttt gccatgaaga      360
ccttccttac gccagcatc ttcataatta tgggtgtggt ttggaggagg atcaccatga      420
tgtcccgacc ccagtgctt ctggaaaaag tcatctttgc ccttgggatt tccatgacct      480
ttatcaatat ccagtgga tggttttcca tccgggttga ctggacctgg atgctgctgn      540
ttggtgacat ncgacagggc atcttctatg ccatgcttct ggcccttctg atcatcttct      600
gtggcgagca catgatggat cagcacgaac cggnaaccaca tngcanggta ttggaagcca      660

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agtcggccca ntgccgtngn tttctgtgct ttcataatttg acatgtgtta aaaaangggg 720
ccaacttaag aatncctttt acagtt 746

<210> 3767
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (749)
<223> n = A,T,C or G

<400> 3767
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atgaaagacc ccaatgggga gaataattta aatgtcttgc agggagtggg agaaagcttt 180
gcttaaaaat gtcaccatat gtaactata tacagcactt caagtttatt tattgttaaa 240
gcctcatgta aatcacgtca ttctgaaaat catggaaact gcacatttgt gcattaaact 300
atgtaaaca caaaaactgg tcatcogtcc aattgttgct tcaattattt tgaattatag 360
tgcaattttg tggagggtga aatggggatt acacaatata gcgatttcct gttaacacct 420
acatttttgc tgatcaagca aggtctgttg gtgcgagagc ttaaccttta ttttatttcc 480
aaatgtgttt tttattccga gtcccgttg tgtctatggt ttcacttttc tccatgagcc 540
acatgttaaa gcctgcctg actaaatgaa ggagtgtgag cagtgggata gacattgcag 600
gcaggcgaaa ctgggataag cccagaatc ttttgaacct atcagtaata ttactaacag 660
gggagaaaag ataaaagtga gcccttcaag tgctctagtg tacatgtcag aattnaagca 720
cgagttncac gggatggctc acccccttc 749

<210> 3768
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (759)
<223> n = A,T,C or G

<400> 3768
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cagtgtgctg tgatcgtgcc actgcactcc atcctgggtg gcagagtggg gccctgtctc 120
aaaataaata atccagtccc cccaagaaa gggaatgaag tgctataatg agaaaaatcc 180
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agattgggtg ctggagtcc ctatcaaaga gtcagagctc tatcccagat gtgtaatgaa 300
cgtgggtcaca gacatattgt ccattaccat ttacctccc tataaccact gtgcctccag 360
ccttgtagaa tagacacata ggagcgcagc aatacgtcta aaaataggag tgagagaggg 420
cagggcatgc cgtttcttgn ggtagaagaa aagaatgtca aagaaagcag ctgggactaa 480
tgaactttac attagccata ttccattatt tcagcttaag tcaaatgtcg gtccctcatga 540
ggcaactggc tttgacagga gctacgctaa ttaccactta ccaaccttta atttctgggt 600
aaaagcaaaa gacaaaaact aatggatttn tcatttttnc cagngacaag aattaaataa 660
tagtangtct gtcnaaaaaa aacaaaattn aaactcgagc ctntagaact ttngngagtc 720
gtattacntt agatncagac ntgatacgat accatggan 759

<210> 3769
<211> 754
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3769

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gacttgaacc caccattctt gttactnnct tgatnncttt aanactgggt atnnnnngcc	240
agtntgnnat ggngcnnaaa atangatgtg ngntttttgg angtnannnn tgctacaggc	300
ntnnactnta tnatctnagc natagcnagt ncaagtnnga ctgattnagn atacacnnng	360
nngtggtant ngctaaaata ttgaaanaac ttttattctg gntggagcnc gtnnnngtntc	420
ccaaatatga acaaccaana tctgaaatgc tncaaagctg gaaactttta gagtgnntnt	480
gantgccngc caacatgaca tgcaaganaa acattnatth ggagcatttn ggattgtgna	540
tattnagatt ngggatgctc antangnatt aatgcanata ttncaaaanc cncgccttcn	600
gacccagcng aanaaaaaac caaaanccca naataactgn gntcnccaag cattcatgaa	660
aaaaatgatn cttaacctng naaatagctt tgncccaacc cncnnaagtt tctttntcta	720
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<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

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gaagatactt acccccctaat tgctgagata tttgaataaa agtatatgtg aaggattttg	180
taattataga atgtcctaca aatatgagta gttcgtttgc tacttttttg gcgaagaaaa	240
atattgggat gcatgaataa tatctaccta aggtacctaa ggttgatttc atcccattha	300
ttgaatgccca aggatatacc agctactgct ccagatgttg tattcagggg acagaagaag	360
agtcctgtg cccatggagc taacagcatt ctaggggagg aaagatgggt cagctgactt	420
tcacgatctc aggtactgat gaagattgtg aagattatta catcaggtga atgtaggggt	480
gatttagaga aagctggtag ctaggctgtt caaggaaggg cctctgtgag aaaggggatg	540
gttggctggg tgtggtggtt cacgcctata atcccagcac tttgggaggt tgggagtttg	600
agaccacctg ccagcatgga gaaacccctg ctctactaaa aatncaaaat tagcccgga	660
tgggtggcaca tgccgtgtaat ncangctacc tgggaggctn angccgggag aattgcttga	720
accccgaggag gcaaagggtg taattgagcc ct	752

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3771

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aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattc	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttcctgtgt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaatgt	420
ttactttctg	gccttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaata	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
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tgtggacaaa	cagctcataa	gcccgtaact	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgattat	tatttaattc	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3772

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3772

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aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattc	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttcctgtgt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaatgt	420
ttactttctg	gccttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaata	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtaact	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgattat	tatttaattc	aaagttatgt	tcacatagga	720
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<210> 3773

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3773

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catcgattcg	aattcggcac	gagcagcctg	cggccaggct	ttttatttaa	tntnaatagt	120
ttttgtttgc	ctccgtgggt	tggtcaccgt	gtgcatcgca	ccgtgctgta	aatgtggcag	180
tcgctgtgtt	gggagagccg	gccacgccct	tggctttaga	gctgtgttga	aatccatttt	240
ggtgggttgg	ttttaaccca	aactcagtgc	atTTTTTaaa	atagttaaga	atccaagtcg	300

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agaacacttg aacacacaga agggagaccc cgcctagcat agatttgcag ttacggcctg      360
gatgccagtc gccagcccag ctgttccccct cgggaacatg aggtggtggt ggcgcagcag      420
actgcgatca attctgcatg gtcacagtag agatccccgc aactcgcttg tccttgggtc      480
accctgcatt ccatagccat gtgcttgctc ctgtgctccc acggttccca ggggccaggc      540
tgggagccca cagccacccc actatgccgc agggcgcccta cccaccttca ggcagcctat      600
gggacgcagg gccccatctg tccctcggtc gcccgtgtgg ccagantggg gtcccgncgt      660
ccccaacact cngccttcgg nttcagaaca cttttgggca nggaangtct tgggggccct      720
taaccaagca nggaaccncc gtgccaaagc ccngggcaag gccgggtccc aaccttagga      780
acccaacaaa gccccctttn ggggaagcca accccnanaa cctttttggg gggg      834

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<210> 3774

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3774

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cgaattccgt tgctgtcggg gatgagattc tgatggaaga gattaaggat tacaaggcac      120
gcttgacctg tccgtgctgt aacatgcgta aaaaggatgc tgttcttact aagtgttttc      180
atgtcttctg ctttgagtgt gtgaagacac gctatgacac ccgccagcgc aaatgtccca      240
agtgtaatgc tgcttttggt gccaatgatt ttcacgcgat ctacattggt tgatctaagt      300
caaganaaga agaggagctg gctagtcang aacttattca ttaaccacca aacctctacc      360
tnttctctcc ttgactgtca cctgtaggac agtttatcag tcaactacct ttctccaga      420
ctttacttcc aggtctnct cttcagtanc tggatgactt tagcagaaag gactggtaaa      480
tacaagcctt ggggtttcaga atgaattaga aacaaataac tcttactgtc ttccctccca      540
gctttgttta ttttggtgct ttagactttt cagtgnntc ttttttcagn ccactgtata      600
aacttggatt gtccattcct cctgaagaaa tcaagttggg tatttttgat gtggaaaagg      660
gaacaanaag tggaacatg gctacttttt ggggagtggg tnttttaaaa aaatnagggt      720
ggctatgggc accaaanttt tctacatttg ngtnncaaac ttcttgtgaa atgtgggatt      780
ncaant      787

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<210> 3775

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3775

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gctgggtgtg gtggccttat cctgtaatcc aaacactttg ggaggccaag aaggaggat      120
cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa      180
ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag      240
atagatagat agaattgtct ctaccccaag ggtggagaaa gacttgagca aagacacaga      300
ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcagggatga atggcctatg      360
ctctggggag gtgggctgtg ccctcagcag catccacatc taatgcagga caacaccatc      420
gacttcctgg agtacgtggc agctctgaat ctctgtctga ggggcaccct ggagcacaag      480
ctgaagtggg cattcaagat ctatgataag gatggcaatg gctgcacga cccgcctgga      540

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gctctcaaca	ttgtggaggg	aatttaccag	ctgaagaaag	cctgccgcga	gagctacaaa	600
ctgagcaagg	ccagctgctc	acacccgagg	aggtcctgga	caggatcttn	ctcctgggtg	660
atgagaatgg	agatggccac	tgctnttgac	naattggtga	agngccctc	gggccaagt	720
ggtgatgaaa	atcttccnat	ggc				743

<210> 3776
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3776						
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cagctagaag	agagggtgca	gcaccccaag	gnnaggactg	ggggagtggg	tgttccagga	120
agggctctgg	catgtaaagc	tgacacagaag	tcaaatacaga	taaagcctga	gagggatcca	180
tgggatttct	tggcaaaagg	attgttggtg	ataccaggaa	gagcagcttc	agtggctcat	240
ggggagagaa	gccagattac	aggagatcag	caactgagag	agtgagtgga	gagcatcttt	300
taagaatgtc	ttgagtgcgg	gccggctgcg	gtggctcacg	cctgtaatct	cagcactttg	360
ggaggccgag	gcgggcggaat	cacgaggtca	ggagtctcag	accagcctgg	ccaacatggt	420
gaaacccgtc	tctactaaaa	ttacaacaat	tagctgggca	cggcgcantg	gtgcgtgcct	480
gtaatccag	ctctcgggag	gctgangcag	gagaatcact	tagaccaggg	agtcggaagt	540
tgcagtgagc	tganattgcg	ccactgcact	tcanactggt	gacagaacta	gactctgtca	600
aaaaaaaaaa	aaaaaaaaaac	tcgagcctnt	agaactatat	gagtcnnatt	cctagatccn	660
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atttggaat						730

<210> 3777
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3777						
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gattcgaatt	cggcacgagg	ccaccaccac	caccagcccc	acaaaattna	cctcaaggcn	120
tacgaacagg	tgatgacta	ccccggctac	ggttccccca	tgcttgccag	cttggccatg	180
ggcccgggtca	cgaacaaaa	gggcctggac	gcctcgcccc	tgcccgacga	tacctcctac	240
taccaggggg	tgtactccc	gccattatg	aactcctctt	aagaagacga	cggcttcagg	300
cccggtacac	tctggcaccc	cggatcgagg	acaagtgaga	gagcaagtgg	gggtcgagac	360
tttggggaga	cgggtgttgc	gagacgcaag	ggagaagaaa	tccataaac	ccccaccca	420
acacccccaa	gacagcagtc	ttcttcaccc	gctgcagccg	ttccgtccca	aacagagggc	480
cacacagata	ccccacgttc	tatataagga	ggaaaacggg	aaagaatata	aagttaaaaa	540
aaagcctccg	gtttccacta	ctgtgtagac	tcctgcttct	tcaagcacct	gcagattctg	600
atTTTTTTTg	tgggtggtgg	ggtctccatt	gctgntgntg	caaggaaagt	cttacttaaa	660
aaaaaaaaaa	ttttgtgagt	gactcgngt	aaaaccatgt	agntttaaca	gaaccngang	720
gttgtctatg	gttaaaaagc	ctntagaact	atgngagtcg	nattacgta		769

<210> 3778

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3778
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 agtactggga ttacagacgt gagccaccgc acctggccta aatttcacca tcgtttctat 120
 tcataactta cctgcaaagt gattatctga ctagtactac tgcaacaaag ataataaagt 180
 gcctgatgtt tatatcaaat aggatatggc atgtttctga gtgtttctaa agaaaaatac 240
 tgaatgaacc cctcgccata cctagtgcct gtggtaacaa taactgacat gcattgagcg 300
 cttactgtgt gccagggtgt tgttcgaggt actttaccgg tattaactct ttaattcgca 360
 taacccttct gtgagatggg taacattata cccattttac agatgaggaa tctgaggcct 420
 ggagatatca aatcatgtgc ccaaggccac aaagccaaca tgtggtagaa ctgagactcg 480
 aatctaggca gtttgttcca atttttgtgc tttgaacctg tgcacaatat gactattgct 540
 attttgtgat attatttgag atttctcttt taattattct tgatatcttt ggggcagaaa 600
 aacaatgaat aataatgtta tgaatattaa agccctcaa aaaaaaaaaa nnnnnnnnnn 660
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaacctggc ctttaaaatt 720
 ttgggggggn ntttcnnaa anc 743

<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3779
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 gggctgctaa ngaagcaaaa aaggctaagc aagcatctaa aaagactgca atggctgctg 180
 ctaaggcacc tacaaaaggca gcacctannc aaaagattgt gaagcctgtg aaagtttcag 240
 nctacagggtg gacaatgagg aggaggaaaag ccnnggacag gttgaagggc ggcttgnccc 300
 atccactgtg gtcttgacc acacangcgg ctttgagggg cttctcctgn tggntgatga 360
 cctgctgggg gtgattggac acagcaactt tggcaccatc cgntctacca catgcgtgtt 420
 caaagggaaa tggctctncn aggtcctcat ctctnccang ggctcatgca nateggctgg 480
 tgcaccatca nctgccgntt taaccangan gaggggggtt gagatacaca caactcctat 540
 gcctatgatg gcaaccgcnt gcncaagtgg aatgtgacca cancgaaata tgccccccca 600
 tctntgctgg gttncanncc tgtggtcaca agtnctgcng ngcctgtatn aaccagcacc 660
 tgttgaacan canggacttg nttcttcttc aaaaccaccn ttntgtctgt anangacttg 720
 gtanaaggga gccaatccna gttctacn 748

<210> 3780
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)
 <223> n = A,T,C or G

<400> 3780

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gtcagctctg ggctgggctt tctgggggcc	acacagctgc	tgaggcggcg	ggttgaggcg	180
gcccgaagg acccaggggtg ctcagcctgg	ttgtggatag	cggcctgtgt	ggagaggagc	240
tgcttgtagg cagtgaggag gcggacagca	tcaccttggg	ccggtatctc	cggcagctgg	300
cacgccatcg gaacttcctg tggttcgtga	gcatggacct	ggtgcagggtg	cagtggctca	360
cgcttgaat cccagcactt cgggacgcca	aggtggaaag	accgcttgag	cccaggagtt	420
cgaggctgca atgagttatg attgcaccac	tgactccag	cctgggcggc	agagaaaggc	480
tccatctcta aaaaaagaag agctaagtgc	tgtacctaaa	acatgcagta	tataaactgg	540
ctgaacttag aaataaactg ttttcatggt	atgaaaaaaa	aaannnnnnn	nnnnnnnnnn	600
nnnaaaaaa aaaactcgag cctntanaac	tatagnagtg	cntnttacgt	anatccagac	660
ntgataagat ncattgatga gtttggggac	aaacccaact	ngaattgcntg	aaaaaaatgc	720
tttatttgng aaaatttggg atctatgctt	tatttgtacc	attataagct	n	771

<210> 3781
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3781

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tcaagattta gattcattcc tctgtttgtt	ggagtcattg	aagccagtat	atcctggaca	180
ttttttaaag aggtcccat tctgagaaaa	gacaggagtt	gaatgtctta	ttgattctta	240
cctttctggt cgttatagac gaccagagga	aacaaatgcc	cgacacggat	tcgactcagt	300
cataagtgtg aaccaaatag gccgatctgg	gttctctcac	tgactgaaga	ggaagagaaaa	360
taagagagga cagtgggcaa aatgtagggt	gacaaccaag	ggttctgggt	tgcccagaat	420
tgccctgggt tcaaccctga agttcccatg	ttgtggacag	ccccgtggtc	ctagacaaac	480
aggtcacctt agcggtaaaa gcctttctca	ggagtggagag	ctccagggga	gacaaaacgg	540
gtttgggttt ggaacctgga ggaagaaggc	aaaatgagaa	gagtncaactg	gcagtgagtc	600
ccggaagggn cccgccttgc aacaancgtg	gcatcttccg	gacccacttc	cttgctcttt	660
ctcccgttag ccctgccctt aatgtngggg	cccagtgcaa	aanccctntt	gggggcccngg	720
gcccgttgcc ctgcttaatt caattgcaan	cttggaccag	gaaaagccca	gcccagctt	779

<210> 3782
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3782

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atctccaact gacctcatga tccactggct	tcggcctccc	aaagtgcctgg	agtgcagtgg	120

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tgtgatcatg gctcactgca gccttgacct cctgggctaa agcaatttgc ctctctcggc      180
ctctcaaagt gctgggatta caggtgtgag ccactgcacg tggcctcttt ttagtttatt      240
ttttccaaaa ttattttgaa aagtttcaag gtggaatgta gtgacaccat cacggctcac      300
cgaagacttg acctcctggg ctcaggtgat cctccacct cagcctctca agtagctggg      360
actacaggtg cacaccacca caccagcta gtttttatgg tttttttaga gacagggttt      420
cgccacgttg cccaggcagg tagaactccc gtactcaagt gatccgtccg cctcagctc      480
ccaaggtgtt gggattacag gtgtgagcca ctgcaccogg cccatttctt cttagattta      540
acagttaaca ttttgctaca tttgttttat gtcccatat atctggtttt cccttaagct      600
atatgaggct acattgnggg tacactttac ccaatattct ggtatcaacc acagtgccat      660
aatcataata aaaaaattta acattggtgc agtaaaaaaa aaaaaaaaaa actcgaggnc      720
tttagaacta tnntgagtcg nttta                                     744

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<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

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aagttgctaa gatctagctt gtgtttgtga aattgtgaag aaagaaaaag aaattcatag      180
tagttttatg gtcacacttc tgcaaaaatt gcagccacag tgcataataa gtgcatagtt      240
aagatggaaa aggcattttt tgagtgggaag acatgaagag aaatagcttc caatgacagc      300
attcaagttc ggtactatac atggtttcag gaatctacta gaggtcttgg aacatatccc      360
tgtggataag aaggggactac tgtattgcca accagggaag cttcagtgtc tccagagaat      420
ttattagggc atcattacat aggcacgatt gatttgtttg gctgccaca tggttgaact      480
cagtcttcaa gtcaactgat accaagttgt ccaaagttcc ccaccctaaa ccacatggtt      540
ggtctttctg gcatggcccg gctttcacc taagactact ggggtgttgca gctgcaacct      600
aaaatctagt aacaaagaca tgcttatcag gtctgacata gattaccttc caaaagggaa      660
agatcagaca tctctttggg taangtcaac ttttttttac tacattgaga caaattctat      720
ttcaaggaca gagttaagga gggaatgaat ttt                                     753

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<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3784

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tgaactcctg gccctaatg atctgtctat ctcaatcacc caaagtgttg ggattacaga      180
tatgagccac tgtgcctggc ctattttctga ctttttttct ttttgtatat aagaatatat      240
atttcgagac aaattgtgga ttataaatgg atgcttattt atctcgactg cttttcagac      300
ctttttcccc cagccaacca gtttttttct tctcaaagaa gacacaggtg aaactgaaac      360
tcatctattt cttctgattg agattgtgtg ggtctactcc actcagcttt tgcagtacat      420
ggaaagttga gataaacgcc taaagaaact agtttcagtc atagatttag taaaaatgtt      480

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attgcaaadc	tcttctttga	actcaangtg	cttttctcag	tttctttaa	caccacccag	540
agagatcttt	catgtcctct	ttgccctgga	gatgtacatt	gggaacaaaa	accttaagtc	600
agttcttcac	ttttttactg	ctttggctct	tagtaattat	ctgntcttct	attaaacaag	660
gagaagacag	attaaatttc	taacagtnag	ggcacaaaa	caatccattt	acagaattag	720
tcttacttta	ccacatagga					740

<210> 3785

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3785

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gcacgaggaa	aagaaaaaaa	aagaaattta	aaattctgtt	ttagtggagt	catttgaact	120
taagtctaag	tttataacaa	cactggcttc	cacagcacag	gaggtgagca	tgtgttaata	180
tttaagattg	gcataactcc	ctttaggtgc	aagtgttcag	gccaaaatgt	tcctgagcat	240
tttgattcct	cctcctgctg	cccatctata	ccaagcccag	aaactgtctg	gaatatattt	300
tagtttcctg	aatgacacca	agaagtagaa	cagtcttttc	aaaaatgtat	tttaaaaata	360
agctgaatct	caagaatctg	atctatagta	taatgaaaac	tgaaaagtga	agtagtcatt	420
gggatactct	actgtctcac	ttaattctca	cggcttcctc	gcaagggtgg	taaaattggt	480
cctacagata	gtcaaatgga	gttttacagt	tagaaaatga	ttgggctagg	atttgagccc	540
aatgtctgtc	agattcctga	gtttctgcta	cttctactaa	aatatgctgc	ttcttgtgtg	600
tcnngtcttc	tgtttgggga	caagcagatg	atatccctaa	caaaatcaat	ttctttatta	660
ttattctctt	ttaccttttg	gttcccagca	gtacaagtcc	cagttttgaa	gtcctaaaaga	720
ctgggtatgag	catagctcat	cgacgacatg	gtg			753

<210> 3786

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 3786

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agaaacacat	aaacgacata	ctttgttttg	tgggacaact	gttattcaga	ctcgtttcta	180
cactggagaa	ctcgtcaaag	ccatagtgtt	tagaacagga	tttagtactt	ccaaaggaca	240
gcttggttcgt	tccatattgt	atcccaaacc	aactgatttt	aaactctaca	gagatgccta	300
cttgttttcta	ctatgtcttg	tggcagttgc	tggcattggg	tttatctaca	ctattattaa	360
tagcattttta	aatgaggtac	aagttggggg	cataattatc	gagtctcttg	atattatcac	420
aattactgtg	ccccctgcac	ttcctgctgc	aatgactgct	ggtattgtgt	atgctcagag	480
aagactgaaa	aaaatcggta	ttttctgtat	cagtcctcaa	agaataaata	tttgtggaca	540
gctcaatctt	gtttgctttg	acaagactgg	aactctaact	gaagatgggt	tagatctttg	600
ggggattcaa	cgagtgggaa	aatgcacgat	ttctttcacc	cagaaagaaa	aatgggtgtgc	660
caatgaagat	gtttgggtaa	aaatccccag	ttttgggtgc	nttggtatng	gcttacttgg	720
tcattcccct	ttcacaaaaa	atttggangg	ggggggcccn	ttttggngng	atnccacctt	780
ggaatcttga	a					791

<210> 3787
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3787
 nccnttttta nacccttttt nctaccgnnc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagaaa agacttataa gccctctgat tgatctcctt tgttggtgac ttcttgatcc 120
 tctttaattc aggaatcaca gttagatttc ttagaatcct tctttgtgct ccaagtatca 180
 aagaccttat ggggctcccc agccataatg gaaaaagtaa tttctttaac aggggagaca 240
 ccagagcaag agcggagatg ggggtacgag ggggtcctca tttatgcagc tggccagagc 300
 tctcatcca acccggggct tagtgagggtg acagatgtga tgttggtcaa tgtagtcttc 360
 cttttctttc tttttttttt tctgaggcag agtctcgctc tgtcacccaa gctggaacgc 420
 agtggcgtga tctcagctcg ctgcaacctc tgtctcctgg gttcaagcga tccccagcc 480
 tcagcctccc agcactttgg gaggctgagg tgggtggatc acttgagggtc aggggttcga 540
 gaccagcctg ccaacatggt gaaactccat ctctactaaa aatacaaaaa ctggccangt 600
 gtgggtggcgt gtgcctgtaa tccactact caggangcag aaggcaggaa aaatcacttt 660
 gaaaatcang aaggcngagg ttgcaantga nctgaanat ggcaccactg cactgtancc 720
 ttgggcaaca gggcaagaac tccatcaaaa aaaaaaaaaa aaat 764

<210> 3788
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3788
 gncnttttta tnccatacng ctacttggtc tttttgcagg atccctcgat tcgaattcgg 60
 cagcagccac tgctacagcc ttagtcocaga nttttctctt tctcttatct aggctgttan 120
 tatagcctan taaatgttcc gggccctcca gtctatttgt cattcaatca cttgtttcag 180
 aaatattact aggcacttat tttatgccat ggcacaattc taggtgctga agacgacaca 240
 gctgcgaata aaacagacat gggacctgtt cttgtggagc ttatacttta gtgcgtagag 300
 aaactaaaca gagagggtatg aaagatagtg atgggacata attctactga aggttgggtg 360
 atcaaagaag ctttgctgaa gagatttgtg ttgatgttgg tattttctaa aaacagatga 420
 ccaatatggt taaatttggt tctgaggggag aaggtaacat gagatgagct cagataatta 480
 gacagggggc agatcattta tatgcaaatt agattatgag ataacagaat ggtatatattc 540
 cctcatccta tttactgcag caaatctctc cttagttgat gagactgtgt ttatctccct 600
 ttaaaacctt acctatcctg aatgggtctgt cattgtctgc ctttaaaatc cttcctcttt 660
 cttcctctc tattctctaa ataatggatg gggctaagtt atacccaaag ctcactttac 720
 aaaatatttn ctcagtcttt tgcagaaaaa accaant 757

<210> 3789
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (926)
 <223> n = A,T,C or G

<400> 3789
 tncgncnctt ttnnnantag nnnnnntgnc nnntgnaann gntnnatgan gtncntnnntn 60
 actatnatgt aannnagacn tncgcttana tataatcgngc nnnnanannc nngtngtatn 120
 atnannagnng tgnctaattn gncanaaacg cctnnactga ggnacttgta nntntttgca 180
 ngnncccnan gannncgaac aaatccatct tgtaaatgaac gngggaaaag ggccagcgag 240
 accacacagc acatcaatgc catcaagcgg gagattgatg tgaccaagga ggccctgaat 300
 ttccagaagt cactacggga gaagcaaggc aagtacgaaa acaaggggct gatgatcatc 360
 gatgaggaag aattcctgct gatcctcaag ctcaaagacc tcaagaagca gtaccgcanc 420
 gaggaccang acctgcgtga cctcatggct gatatccagt attgccagca cctagtggat 480
 caagtgtcgc caccgcctgn tcatggaatt ttgacatctg gtacaatgag ncctttgtca 540
 tccttganga catgcagatn gactgaaag ccaggcggca gcatccggnc aggcattggt 600
 ccntgtgaac aggattgtgt ctctgggaga agatgaccca ggacaanatt cagccaanct 660
 gcagcagagg gtngctttcc tggaggggccc ctgattccat ctgctttnan aatgccaaag 720
 tnaanataga gcntnaagca taattacttg aaaaccattg atgggccttc agngggcccc 780
 atagaaaaat nanaacctnn ttgnncagtt ccttnangga aaaagancag nnactcctac 840
 cntacttggt agtgggagct gnttcaacca cnntgnccaa aaactngtan ccccttttta 900
 nttcnattgn tgggacccca nncang 926

<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3790
 gnnncntttt gaatncanat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agcattagtg taagtgcagg taattgcttc attaggacat atgtattgaa 120
 ggagggaggg caagtctata gcatggtgat aaaaacaggc ctccacctct ttctctaccc 180
 acacagggag catctcagct tgacttcagg gatccaggag ccaccagcca ccctgtaaag 240
 agcccagatt aatcctgggt ttcagtgtca tgggaggaag gaaggatgac ctagtaaaga 300
 gcaacttact tactttcttt ggggtggtaa ctcatgtctg aactctggat ggcactgggtg 360
 cgttcaaggc aatgtgattg aatcattggg gattattact gaattagga gcaaagtatt 420
 cttatggaag ctgtatgctt tctgaggctc accaggccgg atggcatgag ccctatcctc 480
 tgtttgagtt atttgactgg ctttttaagg gagtctccat tttcattctg gccatgacag 540
 atcaagagggt tatattctcc catcagacct tactactttc ctgtagagtt gaattattatt 600
 ctgattttat gccatgtctg tgaatgtctt tgtgtgcacc ctacctagtt atgcatctcc 660
 tctttcaaaa gcatgttaaa agatccaata gtaaattgatt ctgcttatat gaagctacta 720
 aagtagtcaa attcatagaa agtagaatgg gtgg 754

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3791

```

gnncnntttt gaatncacat acangctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg aggttactga tggagagagc agagaagctg gtgtttgcag tcccatctgt      120
cagccttgac acccctactc ctgtccagcc agtgtttctc aaagcgtgct gatgagcaat      180
gcaagatgat ttcattgttat agataagaat aaaaaaattg ttttgtgttt aactcaaatt      240
agaaaaaggc aacaattggt atgtgcgacc tgtggttttg cagatgatac tgcttaggat      300
gttggtactt aagaaaaggc caacttttca aaaatactat tagtgacatg tggacctagt      360
cctcctgaag aggactacat tggggcaccg gtaattgttt ctatttgagg tactctggct      420
gtgtggctct ggccacgcca ctggaggcag tgtctgagcc tgtgacttga gtagtagctc      480
tgtgtcatgt ctgctgattc tccccaaatc ctgaagattc atgatgaagt gactgccggc      540
ttggtctgaa ctagattgaa aacaataagg atcccagaac gatagcactt tacaatccta      600
taattttggc tcaaattgcc tgcagttact atcttaaccc tgctgttat gttcattgag      660
caccaaagtt tttcagtcaa ttcttgagta attattctct gggattgaat tatgaaatag      720
taaataatttc cactatgcaa tcaattggtg                                     750

```

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3792

```

gnentttttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttogaattcg      60
gcacgagcaa gaattgctgc tgctgttttt tttttaattt tattttttat ttttaaagac      120
tttctacct tctcattgag agagagaaaag atgcccagag ttaaaatagg aggtgcttgg      180
gtattttgtt gaacttcaca agttaaactg gcgaatggcg tccatcagct gttattcagt      240
ccttgaacag agcagatatg tttgtgagag gacaaagaag atgcctcaa gacaaagaag      300
aagatgcctc gtcgtccctc gagctccac acggcatctg cacatcacca gctcagcatt      360
tagcacactg gattgacact gccatgttag gtgagggtgac ggcattgcct agagtgaagg      420
aatctacagc aatatgatag ctaaagtcca catgaagtgc tggattggat cctggattgg      480
gaaaaaacat ggctctaaag ggcagtattg ggacaattgg tgaaatttaa atgtagtcta      540
tgtattangg gataatgctg ttatcaatta tacatttcct tctgttataa ttgtccttgg      600
tcacaccagg aaatgtcctt attaggagac gcatgcagaa gtcttttagg gatgaggact      660
tactgcagct tattctcaaa tgtttatata taagggtgaca aaaattaaga aattggtcaa      720
tcttggtgaa aagtttatga agagtaaagt                                     750

```

<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3793

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ngncnntttg aatnccttta cangctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gcctaggcgt agtcatttct ttattagtcc ttactttatt tttcaaagtt      120
acgtaataaa tgtctatgtt tctaagctat ctttagattt gtaaaagggc taaaatgtta      180
cttttaaaca tgtttggttt attcaaattt gtttataaat ctctcctttg tacccttggc      240
taccacccct cccactcct ctgcctaaaa ctaagggaaa atcctgtctt tgcccatagc      300

```



```

ttcagaatgt tctgcaatTT tagactTTtTa cTTtTaaCTg atcactgtTa agcaagggag      360
gaaatTTacc actTctcTTt gtgatgTaat attgcacagt gaccctaagt ggaagccttc      420
ctgtgtcctg gatgtgagct ctgcgctgtc agtggtTggc ttgtaagctc tggctccaag      480
tgTtctgagg tgcaaggaac cgatctTgtg cagtagaaag agctTTtTgga agTtggaag      540
tagcaaggct agTtctcata cattctatgc tctggccacc tTTtctgtg gcaggaaaac      600
aaaacaggca aatgcacaca aactgggtac attTaaCTtT gctcctgag ccactncca      660
agccatttag cTTtggtagg cctcaattTg gaacaaggga acaaacaaaa tcatgatgat      720
aacgatgatg accccagtcg tcttactaa t                                     751

```

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

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gncnntTgan tTcnatacag ctactTgtTc tTTtTgcagg atcccatcga tTcgaattcg      60
gcacgagatt gctTctgTtT taatggTaat ttgtcTaat gTaaaaatac cgaagtagtg      120
attccaagtt agaaagtagt gatccctaag aacagTtTgga gaaacatatg gTtTgtTcta      180
tagctgTaaG cggtaatTTt gaagcaattT tgaaagcatt cTtTccctTt aGaaaaaaa      240
tagTtTctTa ctgaaatgac tTTttaggat gtctTgaaaa acgtagtGaa attcatctag      300
aaactTacaG ggtTgatgct agccatcaca tGcatgctgc aattTgctga aatgtctTga      360
tccaggggag cTaaactTTt acaaaaatag gTtTgtTtag aagtcatatc actacatgaa      420
aaatcaccac tTTtgaaact tacggTtaaa ggcagTtTct cTtTtaaaaa tgtgtctcatt      480
gattattccc acccaaatag ccagaatatt ttgTaatTac ccattaccac tcttaccatc      540
tgaaacgtgc atgaaaaaaa tgaaaaattg actTcatctg aaaagagTtg tgtcatgata      600
tatgaaacgt tTTtTgTaaC ctccaggaag gaacattGca atTTtTccat tTcagatcgc      660
cTtTgtTtTg ccattctcta cagcagacca aagagtGcat caaatgtaca tTattTcagc      720
atagataatg actTgaatat gagaagTaa                                     749

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<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

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gnnntTtgat tccntacan actactTgtt cTtTtTgcag gatcccatcg attcGaaaaa      60
aacaGaaatt cccataaaaa aaatagatgt tTctnacatg ttgagcatat atggattTca      120
tTTtTaatat gattgtagaa acattagatt taaagcatat tgaaaaagaa aacagtatat      180
tctTtaggag cTtcaaaaaa gggTtTtggt ttagTtcaaa gggTgaaaga agatcTtTta      240
tTattTtggt aaataactTc taaggaaaca aaccaccctc acatgcacta tctcattTgt      300
attTctgtca attctgaaag gccagcattt ggccagtatt attTgaatct gtattgtatt      360
tTTtaaccag aagaatgaag gTttatagct tcattcTtTt ggaagaggag gctggagacc      420
acaggtTaaa tgcaggtGca tGctctTtg cggccctTg cagggtcctt tctccctcct      480
tttacacgcg cagacaaagc ttgtggatgc tcaataagga cagctgccgt ttggacagag      540
attaatcatt tattTgtgaa ggtTtTtTct gcctTgctTt cTtggTctTt tTtaaactct      600
cacattgggt tgatcccaa atgtTtTgtg tgtccttact caaaactagg aaaaacaaat      660

```

tatgtggttaa gaagctcaga gccacttact taaatctcaa ctagatttat ttgtgagaac	720
atctgtttttc tggatatatta nacacttcct ctt	753

<210> 3796
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3796	
gnncnntttt aatnncnata caagetactt gttcttttttg caggatccca tcgatttcgaa	60
ttcggcacga gacagcattc gctgaccatt ctctctctcc acccaccaag gacaggaggg	120
ctaaccacag cagagaacct acgctgagaa ctccaccacca gaaaaaataat ctgctttttaa	180
aagcacagtg cacaatagta ctttttaaaa gctaaaagag ctaagtttta agttaagac	240
acgtatgttc tttagacacag atctcctaaa agtctgacaa aattagaagt accagcacat	300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacctatgac tatctcaata	360
ggacaatgac aggatacaca atgggtttatc atgccctgac ctgctgagcag tgaccaagaa	420
ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat	480
catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcattg caaactggga	540
gctgctgccg ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc	600
ttttgcacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagaccc	660
tctgtgcata gacttggcat tggcccatga caagtgaaaa gagtaagcta cagaataata	720
ttcatccatt cttcattttt ataaaaccac ttttt	755

<210> 3797
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 3797	
aggnttnntt tntgactcat gcttggmnta ntngttcttt ttgcaggatc ccatcgattc	60
gaattcggca cgaggttacc tggggggcnt ntgggacgtc aacagccaga tgctgacggt	120
gctcagagcc ttcccttgtc ggagccggct cggggacgca gagactgcag ctgccatcga	180
agaggagatc taccagagcc tgttcctgct gggcctgtcc ctgggtgggt ggtaccacag	240
ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca	300
gctgcggtct cagggctcca gcaatggctt ccagccctgc ctgcacctgc tctgtctccc	360
ttactattct ggcaaccacag gcccgcagtc caagatctcg cctttctggg tgatgcctcc	420
tcccagagcaa aggcccagtg actatggcat ccccatggat gtggagatgg cctacgtcca	480
ggacagcttc ctgaccaatg acatccttca cgagatgatg ctgctggtgg agttctacaa	540
gggttccctt gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca	600
agcttaagat ctccctggcc agcaggacgc ccaaggacca gacctgtgtc aacgtnctgg	660
aacaagtgtg ccggcgtnct tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc	720
aattgtcttg aaggtccgga tggct	745

<210> 3798
 <211> 784
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3798

nggccntttt	tgaaaaccct	tttcaaacta	cntgttcttt	ttgcaggatc	ccatcgattc	60
ggaaatccct	ctcctgacca	cttgtcagaa	atcagaaagt	gtggaagaag	aaaatattag	120
ttacctaaat	gagagtcttg	gggaagagtg	ggattcctct	gaagaagagg	actctatggg	180
gcccacttta	tcgcctcttg	agagtcttgc	ctggcagggt	aagtgccttt	taaaatattc	240
cacaacttgg	aaacctttta	atcctaattc	ctgggtgtat	catgctaaac	tggttgatcc	300
aagcacacca	gtccatatac	ttcgagagat	aggtctaaga	ctctccatt	gttccattg	360
tgtcccaaaa	ctggaaccaa	ttcctgaatg	gccccctctg	gcctcttggtg	gagteccacc	420
ttttcaaaag	cctcttataa	gtcccagccg	gctctctaga	gatcatgcca	ctctaaatgg	480
agcactgcaa	tttgccacca	aacagctaag	ccgaacattg	agtagagcca	ctcccatacc	540
tgaataccta	aaacagatcc	ctaattcatg	tgtttctggg	tggtgctgtg	gctggctgac	600
taaaanagtt	aangaaacaa	cttgactga	ccccattaac	actantttat	ttttacattg	660
gncttccaaa	agggcagggt	naacaaactc	cntaacttgg	anttccttgg	aaaaaaaccn	720
nccntttggc	ctctgaanat	ctnnngnngn	gggctaaatt	gganaaaagn	gggtcccaaa	780
attt						784

<210> 3799

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3799

gcnnntnatt	anatcagcta	cttgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggacaaag	caaaacatca	acattaagtc	ataggctagg	attatacaaa	tgagaacccc	120
caccttatac	attacttaat	ataagttaac	tacaaagagc	ctctccactt	acattttttat	180
catgcatctt	acattttta	gtccttattc	ttttatagaa	aagggtcataa	tacccaataa	240
aaaagaatct	gtaatatccc	tgatgcagca	acaattgatc	acatgctttc	acatgtgacc	300
acaataggaa	taaaataaca	gcgtaaagaa	atttgaaaagt	tgtattacat	cattattcac	360
tgttcaaaaa	tttttttcaa	gaaacaagta	cactttcaat	gaaattacaa	tgcttcagaa	420
aatctccctt	ttaaagttaa	atacaaaaac	agcttttagtt	gtggattcat	ttttatactc	480
aatactctga	tttagtgtaa	tgtctgaagt	gtcagtgcc	tattctagt	taaattctca	540
tattttacgta	aaatcaattt	tgaattaaat	atttttttca	tattttacatc	tgcaaaaaata	600
tacttttagta	taaactctct	gatgttttct	aagctataga	ttttgaaaaa	aaaagtcttt	660
ccaaattcat	tatatattgca	ggactcttct	ncaatataaa	ttccatgatg	tggaataaaag	720
ctggagcaac	tgcttcangt	tttcctctag				750

<210> 3800

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 3800

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gaaattcata canctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag      60
atctgttact acttcagaaa ttgctgggttg atgttaggcc cctcctatct gtgctctctc      120
agctacagtt tcccgtttga gcatattcat tcttttttat ttttgctctg aacaaaaata      180
ttagagttac aatattacta tattccaggc cttgctagaa actggggata aatctatgaa      240
tatggctgct tccctggaag acctcacagt ccagggaagc caaacctgc agacatgcag      300
tagacttagt ggtctctctt aagggttgctt gttgagtttt gacattggag attatgtaca      360
gacttgaatg actagtttag ctcaggcaca gcattctgtt tggcnttggg ggggggggggn      420
aantactgcc tctcagcctg ggcaagtcac ttagagatcg cctcgtcact ctnccatcct      480
ttgctgatgc ctctggtcta ntacctctga ctcagcttcg cctttagaga tactcatgct      540
ttctggcaac agaggtcctt caaaccccaa ttcctattaa aacttccatc acttaccgcc      600
cttctttttc aaggggacca agccagnttt attnccccca ttttnccagg tnacttggtc      660
ccttggggccc aanaatgtgg tggaaaattt ttggggcaaa attccccntt ttttcccttn      720
tttttnttgg ggancctcna nn                                     742

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<210> 3801

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3801

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gntnaatttc aaagacgctn ttgttctntt ngatgntcnn ancgactcta nttcngcacg      60
agtggcagtg ggagtcgaag cgaggggtctg aagttcacga ctactagaag gggaggggag      120
tggaaaggct ctcagtgaag aangtattan aattatttct gaattatcag tctctcatth      180
gtgcttttga gaagcanaaa aggcaaaagg ggtcttttggc catcttctgc tggagcttcc      240
agggaggatg tgtctccaan agaccagatg tccgagtttg aaatcccaga acccangagg      300
aaaagaatca caggagggaa aagactgtcc aaaggctcct ggagtcttct gttctctaac      360
cttgggaangt tttgaacaat atttctcana ngatagccct ttttttccaa cctttttttt      420
ttntcatctg tccagcatga ctcaccccc gggagtgggtt gaatgtcttg tctttcaccc      480
aagaaaggac ggacttttgc attgggcttg taaatttggc ccaactgggtg cttaatggga      540
agtataaaaa agagtcnttg cttaccatgc cggggaacct anaaattacc atcactggcg      600
tttttttngc ttttgggtct tcaatggggt tggtaggggt attgaaatta tttantttnc      660
caanaaata aaaaaatggg atttttaaaa aaaatttttc atcccccggn nnaanttttt      720
ngnnnnnnngn nttggaanng ncnngcncn ntattnannc tttnnnttt nnnnnccntt      780
ttttt                                             785

```

<210> 3802

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3802

```

gttgantttg aanccctctt gttcttttgg aaggctccca tcgattcgaa ttcggcacga      60
gagatgttat aaaatgtgta ggcttttaaat atataagtta ttggggtccc tttgttttgg      120

```

```

gcataacttna aacagaagaa aaccccttct gggggcagaa aagctagaac tggatatcac      180
agttccctct ggggtgggctg ctatgtgtca attcgatctc cttaaaagaa aatngtggta      240
gcctaaaata ggggtctttct ttaccacaag ttagatccct ggcagcaatc tacttctcga      300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg      360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt acctttttta      420
agcttttcnc ccccttaaag aaagacatcc aatagaagtt gccacttctc catttatcaa      480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaattctta      540
actattttaa gactaaaaca aaataactta tctgnntttc cattttacta cagtaaatgg      600
gtattaaaaa tagttcacat ggcttttctt tttaaattca aaaggggtatt aacctgggat      660
ggtggaaaaa cccaccttta nccacacctc cttaaaaata ccttaacctt aacttnctta      720
aaaccaattt acccaganca actngggggc t                                     751

```

<210> 3803

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3803

```

cttaattcca tcagctactt gttctttgna agcattccat cgattcgaat ttccggcacga      60
ggccatcctt ctctctggct gtagactgag gcttttctct tgcttcaagt cagagcagna      120
tttgttgatn acctnncaat aatgtttggn nnacatgcc a ntnattaaat taattcaaca      180
tgaagttgaa tttgatgaaa gtggtcacog tatecangta ttnggctttt gaangttttg      240
cangtnaatg gagatggaac tncctcgn acacacnctg aactncantg gtgcaatctt      300
tgntcactg caacctccgn cactgggctg gagcaattcc cctgcctcan ccttnaanta      360
gctggaatta caggcatgtg tcaccananc cgggggggta aaattntttt ttttnatttg      420
aggaaaagcn gggtcacat gttaggcacgc tggtnctnaa cccctgacct nangtgatcc      480
acctgncntt ggccttcaag gngctgggat tacaagctta aancaccatg tcagccagcc      540
aagtattngg nttttnaaaa atttgannnt tcntttgcgc aaaggggaata naattttcct      600
nctgggtnaa aaagaaacct tttnaaagcc cnccttntt ttcaaaaana aaaattttta      660
anttcntttt gggnggtaaa acctggcctt naaaacctt ttnacttggg caaaataaat      720
tttaattttt ttncctcctt tnantttttt                                     750

```

<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 3804

```

ttnatttcga nacnctctt gttctttttg caggcatccc atcgattcgc ccagctacat      60
gggaggtgga ggcaggagna atcacttgaa cctgngaggt ggaggttgca gtgagccaag      120
attgcgccat gcctgcagcc tggcacggcc agngnctcct tgtcaaaaaa aaaaaattaa      180
tnaatgcctt tggctaaacg taaaagcntt tnttgacca ncttaatgct taaaatctgt      240
tttngttcca ggtgggttgt taacaggagac tcattttttt ggtcttggat anggatcccg      300
gctactcaaa cagaaaatgg aaggaggaat ctggttaaag aaaacaccag tntccagaat      360
ggtgaagntt tggnaagaaa actcctttct tgctcaaaga aaaattttaa aggttnggnc      420
cttttcccaa aaaanccna cacttttttt tttcttgant gaangggcct taaaatttct      480

```

tnggaaatag	ttttaccaaa	aatgggattt	aaaaaaatcc	taccgatcaa	gatgagttca	540
gctagnaagt	cntncncct	caggatcagc	ttaagtattt	tacttgattt	ttttaccaaa	600
tcaatgcncg	tacctacctt	aatccttnaa	ataagtttan	aatttaccta	accccaaagt	660
ccaggagggt	gttnttacca	aaaaatagct	ttntcaaggg	ctggcnccta	a	711

<210> 3805

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 3805

tganttcaat	ccgctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gtggatcatc	ctaccttgtt	cctaattctta	gggagaaaga	atttgtcttt	caatgagtaa	120
gtctgatgtt	acctntggga	ttttttggtn	natgctcttt	atgtgtttga	ggaaaatcct	180
gtctactcta	gttttttagga	aggangnccc	tngaatecgt	gttgnatact	ntggcgatat	240
canaatngct	atggngngng	ncnngnttat	ncncattaag	ctcggaaata	ngtgggtggtg	300
cgacatcaca	atgacnata	cantactgna	ngggccctag	cnnccaatcc	ttanggttcc	360
nnncatttnt	tctggctcng	aatcaactgc	atggncantn	ngccccccna	nnngaantan	420
ggaaggannn	tcacataggt	acatgtgact	atccttactn	aatctggctn	taaaaacatg	480
gtcctnnaca	tnaacatntt	anancatact	ttgcagatnt	ttgcggnctg	cnetgaaatg	540
tcccataaac	aacntnntta	cttnanggaa	aaaanatact	ccatgggggn	naaanaacca	600
tggaggaang	aaggnaaagg	gccccncatg	ccnctgcang	tttancaagg	gcagnttatt	660
tattctta						668

<210> 3806

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3806

tgatttccat	nnngntacnt	gtctttntgc	aggatcccat	cgattcgaat	tcggcacgag	60
gactagaaaag	aggccctgcc	ctctagaaaag	ctcagatcctt	ggcttctgtt	actcatactc	120
gggtgggctc	cttatcagat	gcctaaaacn	tnttgccata	agctcgatgg	gttctggagg	180
acagtgtggg	cttgncacag	gcctacagtc	tgagggaggg	gagtgggagt	ctcatcaanc	240
tnttnggtct	tggcnttatg	gnaccactg	ctcacccttc	aacatgcctg	gtttacgcac	300
natcttgntc	atgggaagag	gtnggtggna	gactctcana	gctcaagatg	ctnagagaga	360
aagntccctg	aactgggccc	atctgacttt	ctacctaccc	cattgggtttt	tttggcncct	420
tttntcccac	tcaatanctt	ctggcagnat	ntccttgagc	cacatgtgcc	angtactgga	480
aaaacctnca	tctttggcnt	cccaagagct	ntanggactc	ttcatcagca	ctagatttgc	540
ctcntctaa	tntctatgan	ctcgcaccat	atttnataaa	ttgggaatgg	ggtttgggggt	600
atztatgcnn	ncctataaaa	actatactga	gtcgtntttc	gnananncaa	nacnttataa	660
gnatncattt	gatnnanttt	ggcccccccc	ccttcttana	attnggn		707

<210> 3807

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (698)

<223> n = A,T,C or G

<400> 3807

ttantttccat	acagctcttg	tctttgtgca	ngatcccatc	gattcgaatt	cggcacgagg	60
tttgataaaa	ggttgtcagt	ttaatatcca	agcaattaat	aaagacaagg	tgtgagtttt	120
tctgttaaat	cacctctgtc	tttaattgtg	aancaccgta	taaccatgca	tcttaccata	180
attgggggtgc	atgtctgttg	tacatgggca	caaacatttt	tctttcagcc	ttgtaatcac	240
atctccaagt	aattctaagc	aaaaagaagc	aaaatctaag	ccagtggaca	tgctganggc	300
tatcttaagg	gcttctggaa	tgacaaaggc	cagaaatcca	tcttcataat	atcttttttt	360
tttttggaa	cnaggtcttg	ctattgttgc	ccaagcttaa	aaaaattggc	ccgggggggn	420
ngcttttcna	ggngcnanat	agttaatgna	tcctttaacc	tcctgggggt	aaanganccc	480
cctgcctcaa	nccttttggg	gaacttggga	cccaaggngc	ncnccccac	ctgggaantt	540
taaaagcatt	tttatataaa	aaggggaagg	tgggctgtng	ncctttccctn	tttacctttt	600
aaacccggga	atcaaaaaan	aaggggcaag	nggggatttc	gggccataca	agccnggggt	660
tggggctcct	ggggggaaca	tttttttttt	ttttttta			698

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 3808

ttccatcngc	tcttggtttt	tgcaggatcc	ctcgattcga	attcggcacg	agacactggg	60
ctcaggggct	gagccattgt	tgggtgctat	tacttggtgt	gggaaccaat	anggaacaga	120
aaacaancaa	aactactaac	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagtgtgt	gccntctgct	cctccgggtg	ctgagtgttg	240
ataagaaa	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaccctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaaagg	gcacttat	tttggaattt	ggnaaaangc	tctagatcct	420
taggaggatc	tattttgtct	atttgnggt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctggttttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 3809

nnnttgaant	ccaatanata	tatngctant	tgtgcttnat	gcctangat	tcgaattcgg	60
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```

cacgagccta cctcaccagg ttgtcgtggg gagtgaacaa ggtgagtggc cctcacctac 120
agactcaaca tatggccttt ggctcttccc acttccaaga gtcttggaag ggatgggtcg 180
agcaagcaga ggaaaggaag atgtgagttc ccaaaatgct cctcaccttt ttcttctgag 240
tggtgctcctt ctactgcat tggagggctt gcggcganc atggtcctcc accctgggag 300
actccgtccc tgctctctta ggtgtcaaga tcagaggcct cttgcttacc taccagactg 360
cccgggggca cggcatgaac cgagccttca gcttgccaac nttcnttggg aacnnttttg 420
gnntgaattg caanttgggg gtgcngggcca tggacacccc ggcagcaacc agcatacaag 480
aagcccttgn cacgtgacct actcttacag caatcgcagc cctgccggcc ctangggagga 540
aggaagtcca acttcagtct cagagattct gatgcagtat atcaattgng ggttggtgtg 600
ggccaagaat ttttaataac ttttnaaata acctttcttt gggatatttac caaaaagccn 660
aacttggtan tttggtcaat acaaatTTTT caccaaaacc ccctttaaan ccaaaaaaaa 720
aaattttt 727

```

```

<210> 3810
<211> 728
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (728)
<223> n = A,T,C or G

```

```

<400> 3810
nttcnntttg aanccttaca notcttgttc ttttgcagga tcccatcgat tcgaattcgg 60
cacgaggtcg tcggttttct gagggtaactt cagctgacag agagattcag agaacgttaa 120
tggaggtaat atttggtaaa gggggtttat aaagaaacca atgtttatta aatgaagaac 180
tgaacattgc atatttgata gtcaaaatat atagaacatt ttaaataaaa tatgaaattt 240
gaaaatattg tcaggaacaa acatgtttct ctatcacaaa ctctaagaaa atgactactg 300
gaaaataagg ctatctgcca aattccattt ggtatacacc tgtactattc tgtgtttttt 360
gagtagatca gtcattcata tatttaaatt cttatgaatg tggaatcctt ttgggcccgnn 420
gcgagttatg aagacatttt tgnnatggca tattaagact gttggcaata aatgagctta 480
attatgtatg aagctgctct aaaaattatt ttttctctca ctttattgct gagactgagg 540
caactnaaat agntttgata attggaagan gatnnatgac agaataaaaa gaatgcctta 600
aaggnccttt ccttccnagt ttttaccctt tccccactt ccaaaaaatt cttntggaaa 660
aggtggaatn ttcaaaaaat tnccaaanta ccattttttc ccacctttca aaattgggaa 720
aacntagg 728

```

```

<210> 3811
<211> 931
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (931)
<223> n = A,T,C or G

```

```

<400> 3811
gnntnannac ngaaactntt naactcctgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgagg tggctgttaa gaaaacantg gttttttctt ttaaggatgat catttcatgt 120
tcctatggta tggatgcatg tagacctttt angaaacagt taatgaagtt taatctgctt 180
atgtggaagg aaaaggtttg aatggaaaag gcttcttggc atgcaacgga anccgccttg 240
cttttcccc gatgtgtcta tttaggaaca tttctgtgac acttgccctg gcgtctgcaa 300
cctgctacgt ngctccttga tgganggaan aagcctggcc gtggtanagg gaaagctgag 360
ctctgttggg aaaatgagag ttcctattgg agaaatgcct ctgggcaacn tgnctggcct 420

```



```

ttncnnnaaa ngtttggggg cgcacatagg ctgtgtacaa gccanagtcn aaggatttaa 480
aacctaacca gccantgcag aagtcagntt gggagggttc nggaaagtgc ctaaactaag 540
gccnnaaaag gaccaaangg gcccgcncc cccaggggta nttaaaaaaa ttaaaaaaa 600
tccanccct ccaaaggnc cttaatntt ncaantttt cccctgggccc ccttaattcc 660
ccaattcct tngggncct tngggggaag agccnttna aaattttngg gcccancccc 720
cctttttggg ccttttnaaa aaaaaggngt gggnaaangg gggntttttt ttttttggg 780
ncctttccaa attgggggna aaaaagggc ccttgggccc cctttaaaaa gggggggccc 840
ttggggtnaa ncctttccaa cctttaatt tccccccaa nttttaaatt ttttgncccc 900
tttaattttt aaaaatncct tccccccat n 931

```

<210> 3812

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3812

```

gggcentnec tnaacccttt gaaactaccc gnnctttttg caggatccca tcgattcgaa 60
ttcggaacga gnaaagaact caaagggcag caatncnttt aagtaaggaa accagttagg 120
agataattgt ggtaatccag ggaaagaaag atggcagttt atactggggc attgccagtg 180
tggatagaaa tagatctcag aagaatttta ggaagtagaa gtggcaaaac ttggtgactg 240
aattgtgagg gcagaagtgg gagaaatcaa ggatagagtt tcttaacaa gctttggtga 300
agacagggac taccctatct gctgtcatgt atccacagct tagcacaat ctttatacgc 360
tggagatgct tgataagtac cgagtgaat tttctggctt gagtaccan ataatggga 420
tgccagtctc tgatttaggt aacacagagg cagactcact tgggaggtaa ctggtgatcc 480
anttttaaac atgtctagct caacatgcct gtgaaacata cacatgaca tgtccagata 540
cattggcaat tnggatgaat tgatttctgn aactcaanaa agagaggtct gagatgggat 600
tctttgcata ccttaccaaa aaaaaaagg tttntgtttt tttngnaant naacnecntt 660
ttntggccnt gttaatccca ntnctttng gggaggccna ngnnccgggg ngtnnccna 720
agggntcngg nntttaanan cntccccc cccaaaatag ggngnaaaac cctttttttt 780
tttaaaaaaa aaccttcn 798

```

<210> 3813

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3813

```

atganncttt tacaanctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggagaatc ttatatTTTT aaaattgtcc ctatgttaaa tccagatggg gtcacaaatg 120
gaaatcatcg ctgttcttta agtggagagg atttgaatag gcagtggcaa agtccaagtc 180
cggatttaca tcctacaatt taccatgcta aggggctgtt gcaatacttg gctgcagtga 240
acogtttacc cttggtttat tgtgattatc atggccattc ccgaaagaag aatgtattta 300
tgtatggttg cagcatcaaa gagacagtgt ggcataccaa tgataatgca acttcatgtg 360
atgttgtgga ggatacggga tacaggacat tgcctaagat actgagccat atcgccccag 420
cattttgcat gagcagctgt agcttcgtag tggaaaaatc taaag 465

```

<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(516)
 <223> n = A,T,C or G

<400> 3814
 ttcattttann ctnttttttt gcaggatccc tcgatttcgga agagcttctg caggggctga 60
 gcagacccca gggcctctta gccaatcccc gggcctgggtg aagcaggcga ancatatggt 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagtnttggt naaccancn 240
 taagccataa gttcccctgg ggcccctggg ganaaagnct tcaatcacng ggccaagggc 300
 ttctggncoc cattnattgn cttggacaag aactctgggt cacaagtctt gctnggtctt 360
 gctggggaan ccnaccnga cattgggcn cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaatacac ttncagctct taaccaaggc ttnccttcaa 480
 gtcacaagtt gttgccngaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnctgggttc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60
 gggggtgact acagctcacc tgcagctggt gagcaacttc aangcgtgag acccaggtgg 120
 gccgggcctg gaccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180
 atnaactgttn nnggtntttn tctaggnggc cttaantttn cacatcnntn tncctcgnta 240
 gnnnaaatgn cctcntatna gcattccttc cttcctgan tgntnnatga gagcatgatn 300
 tataatgcct gaaagancct gggtnngnga ttatnnntna gttaataaat nattctnanc 360
 actatcacat gntgantgcc ctncnncnc nccnngnga aagagaanac tgacaannng 420
 gnntantntt antncctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttgct ctttttgcag gatcccatcg attcgatgag cttattaggt 60
 attttatctt tcaaaaatat atgtncccaa ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtgtg 180
 gtgcagtga cttctgtagc acccaaattg tgggggtggg gaaaaaccat tccaccttaa 240

```

aagaaaacca agccttttctg gcaaaattgc tgattctagg ttttggccaa gaaatgtaca      300
tgctgactgg aacattgcat aacagttagt aaggaggctg tttaaagacta tttagggtca      360
tttcagaaag actggagaaa tgactgtaga attcccactg gccagagat cnggtagaaa      420
cctgtgaagt gtgttttaaat tcttgagttc ataatgggta ttttaa      466

```

```

<210> 3817
<211> 459
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

```

```

<400> 3817
tgccntncag ctcttgttct ttttgcagga tcccatccga ttogaattcg gcacgaggag      60
aaactgcatt ttgggggggt ttgaaatcca aagaatgcag ttgtaggca gtcgagatcc      120
ttgaaaaatc aagatggatt ttaataatgt attaagaata aattggattt gaatcaacac      180
aggaaacagg gattttactt agagactatt tcagtaattt tgaaatcatt goccaagatt      240
gtagttgggt tgtttataat gggtaggtta tttatttgtg aatcccaa atgtctccatc      300
aacattccat tgaataattt acaaaagcaa acagcagggg tttatgtttc tcttctccta      360
gttnaatatt gtggcagcat atcatacttt gttttagact aatttaacag gagttaatgt      420
ttccaagtaa atcattatta tctaaacagt gtctttttt      459

```

```

<210> 3818
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```

```

<400> 3818
nnntnctan tcaagctact tgttcgcagg atcccatcga ttcgtnntca tncanggggt      60
anatgaaaag gcngaattga ttttattnng agccgtgnga cgtgccgtca gaggctntct      120
gtntctcctc ctcacttcag cgcnnantgc cacnccaan aaacgggatt ctaccngnct      180
gnnngcncgt ccgnnctgct acctcnngtg cccatgcac gnntntcacn ccaagaaaga      240
ggctnccttn ctcnntnct tcattngtac atagacnaat ccaaaaaaaaa nnatgaacnt      300
nagcgcaaga gncnttgact cccagggaga tancgacngt agctcttctt cctcaaaata      360
atgcatgatg atgcngcata cacnttataa ccaaantatg ctngccttnt aagcnnacgn      420
ctgtccttcc nacactatna gaggcngaag cnnacntgat ctct      465

```

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<210> 3819
<211> 469
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

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<400> 3819

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tannatcctt ancnnnnnnc tacttgttct ttttgcagga tcccatcgat tcggcctaaa      60
attagagaat tatctgctca gtccttattc ctgcagaata caaatgtcac attctaacct      120
gttaagagat tgtcttcaaa ataaaactgt tattaactac attaagtgtt gacaaagtac      180
acttttagggc aaaaggcatt attagggata gatttcataa tgatagagtt ctatagtaga      240
atatagtaat gcaactgaac aaaatgaagc tcattccact gcatggaaga atctcacaga      300
tgtgatgctg aacaaaggaa gccacgtaca aacacttact atataatttt atgtacatca      360
agttcagaaa caggatagtt acctttggga aggaggtaac tgaaagagta tgaggagggg      420
tttctggtat ctggttaatg tactttgtac cagttacca ggagtgttt                    469

```

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3820

```

gatnccaatc anctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga      60
caaggacaag aaagaaagta cggttgcaac ggctggctcg catgcatgcc gacatgatgg      120
aggatgttga ngangtatat gccgngaca tntgtgcatt gtttggcatt gactgtgcta      180
gtggagacac attcacagac aaagccnaca gcngcctttc tatggagtca attnatgtnc      240
ctgatcctgt catttcaata ncaatgaagc cttctnacaa naacganctg gaaaactttt      300
canaangnat ngncgggttt accagagaag atnccncatt tnaagtatac tttgacactg      360
anaacnnnga gacagntctn tctggnatgg gagaattnca cctgcaaadc tatgctcana      420
ngctggaaag atgagntntg gctgncttgt ntcacaggaa ag                          462

```

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 3821

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cttnnttaga tacagctact tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggattcatc ttcttgttct ttaaaagtca aaaggctttt tgacctttaa ataactctta      120
catctggtca tcaactgttga aatgttctac taaattttca gagtggaaaa gttttaggct      180
taaaactgac tggtaaaaaat agaataatttc tttgtattga tttttcagta tagctgtaca      240
gccagttatc ctctcgtaaag tgtttcggta ttaaaactgc tcacatttgt aaatattgag      300
cagctttatt gtcagaacaa gaatcccttg gtttcccaat cccaactttt taacattgta      360
attaaacatc ctgtataacc tattttattc tctgccaaac aattttatga ctgctgtttt      420
tactctttgt gatgaaaatg ggatggagaa gataaggttc tttg                          464

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<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3822

attncaatac	aagctacttg	ttcttttttg	aggatcccat	ccgattcgaa	ttcggcacga	60
ggcantagct	gtggggatgg	agaaaagtgg	acaaattaat	tagagagatt	tagaggcaga	120
ttgggtgattg	aattgagcag	ggcagtgaga	ggattcccag	gtttctgact	gaggtgtcta	180
agtggggatg	gtgatgaaag	ggggaatatt	gggagaggat	cacgtttgga	gggagactaa	240
ggcaccatca	gtattctaga	gattagaggg	ctgtgagaga	attgtgatan	gagggattta	300
ctctttggca	gatatccaag	cgtggaaggc	ctgtttgatg	gactgtcctt	gataatcaca	360
ggcaggtata	ncctcaaggc	tttgaggatg	gctctaaagt	acatttcaaa	caccacctcc	420
tccacaaagc	ctttctacta	caactccatc	ccctgagtag	agt		463

<210> 3823

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 3823

anaatacctt	tacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	nananataan	60
aangnnaaaa	tncagcaatg	gtncacaggc	tnnncctaa	nnnatctgcc	tgctgncatc	120
agagccnatg	tntctggcct	nntntctggg	gntacattat	ttaggccant	ntatcanggc	180
caacccctcc	anctgnctan	tagangccat	gnccactngn	taattcaagg	gccagctcc	240
aggnnngttt	ncttctctng	gggancatca	gttnncttnt	nnntaccacg	ncattcccat	300
tngcatgttn	tngccgctnn	tcttaataga	taatatnnaa	accctnattn	ctcncgctna	360
ctaantacca	tcattnatnn	agtaaaan	ctnanaaaag	nngncaancn	agnngntnnt	420
gatnctnctc	ctccccctcc	ccacctgtgt	ttttaanaga	caggattccn		470

<210> 3824

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3824

ttanttcnat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaattcata	aaaggagtta	gttgacagtc	tgtgtggcct	tgtctagaag	caaaaattat	120
aatatcaaaa	gctctacgta	tgaattgggc	cttaatgtct	ttgtactcat	ttattctttt	180
attgaaaaaa	agctctaaat	gcctattttg	tgtcacataa	ttgagatttg	ctttgaaatg	240
tctgattott	tactatagta	ctatctgagt	tgttcacagt	ggtatgggtga	tccatactct	300
gaactgttcc	attatctgga	attaaggcca	tataataaaa	agaaatagac	tgtatttagt	360
ttattctagt	gtaataaatt	gaaaagtaaa	tagatgatta	gaagcaagtg	ttccaaataa	420
aaatttatca	gcagtataac	aattctatca	ttcattccaa	cttgg		465

<210> 3825

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 3825

cnttgnttcg	atacagctac	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggagagtct	cactctgttg	ctcagggttg	agtgaggca	tgtgatcata	gctcaccgaa	120
gcctcaacct	cctgagctca	agtgatcctc	ttgccttacc	tcccaagtag	ctangaccac	180
aggtgggcat	gaccacacct	ggctaagctt	aaaatttttc	tgtatangtg	gtgtctcact	240
atgttggcca	nactgggtctc	agatgcctgg	gctcatagcn	gtcctcctgc	ctcaaccttc	300
caaaggctgt	tgattgttta	aatacgaaaa	antttagaan	atatannttn	acgcacttaa	360
ttnttagtct	ggtgatatac	catccaaaaan	gcntctnatg	ctgggcacng	ttgantcatg	420
cctattatnc	cagcacttng	ngaggccnan	gcnggangat			460

<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3826

nncnntttga	ttcnatacan	ctacttggtc	tttttgcagg	atccctcgat	tcgaattcgg	60
cacgaggctc	aatcaatatt	tattgagtgc	ctacgacata	tcaggctcag	ttaggagctg	120
gggataaagc	agtgaccaa	gcagacacag	ttccttctcc	agtgagatta	taatccagat	180
gggataggct	ataaataaag	gaagaagtta	acatatatca	ggtggtggtt	agtgcctgctg	240
agaaaaatga	aggaggggag	agagaaaagg	ggatgccaca	aggctagggg	agagagttct	300
gtttcataca	gtggtaaagg	aaggcctttg	tgttgagtgc	tttgctctgg	aacgacttta	360
ggatggggaa	gaggcccagg	tggcacctag	acatttgaaa	gtaagggctg	aggctgcatg	420
tctctaccta	tattttcttt	catgtttgcc	tttcatggat	tttttttcta	tgtatctaga	480
attaaatata	gaactagggt	gaaatatccc	tcaaaaatgg	tatgggagca	actattagaa	540
tgaataggac	tcttggggcc	aatgggatgg	aatgtctggt	tctggtcaag	aggattgatt	600
ttgatactgg	aatagaatat	tcacatatat	cttcccattg	cctgactnca	atgggtgcct	660
agctttccat	caaagtggga	cttgggtgagg	tggggatgtg	gatgcatatt	aattaaggta	720
cagctggcac	cggcttaaat	agaagggaag	g			751

<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3827

tnncnttcan	acangctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaaacgacc	acctttacga	gaattctttg	tcgatgactt	tgaagaatta	ttagaagggtg	120
agagaactct	ttaccacacg	tttcttccag	atgctcctat	ggtcccgtaa	acaatgatat	180

ttttttctgc	aaggctat	tactttttaa	gagcagta	cgtggcatt	gccgcatgat	240
gggaacccan	gtagggagcg	ggtgatgttc	ccaggcagcc	ttgggtgtcgg	caggtctcta	300
aacctggttg	ttagtcgtcc	tctgtgggag	ttgattttgt	tctgtgaccc	aggtcaggtc	360
tctctctaag	aactctgtaa	gagtatagaa	atacaagtaa	agtataaaca	tgtagaaaaa	420
caagtaaaact	ggggaaatcc	ttcgctggca	gcaaaaactgg	cg		463

<210> 3828

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3828

gcnnittgn	nnatacan	acttgttct	tttgcagg	cccatcgat	cgaattcgg	60
acgaggag	ctcttgtg	ttactcttt	tacagtga	ccagcagt	gtgtagcac	120
agtgaact	ggctcttt	caatgatga	gggcgaca	gtgatgac	acagagtga	180
tggttctat	aaggagaat	tgtcccagg	ttcactgt	ctaattct	gcccagtg	240
gctcctgat	attgttctg	agtagaaag	atggattct	gattggata	attttcaga	300
tccacattc	ttttacct	tccggccag	caaagagg	accatact	cttgaatcg	360
ctacctgg	ctgcagct	atgcctcag	aaggggcca	gaagctgg	gggaaggta	420
tacctctca	agttagct	gctcagtgg	gagataaat	tccctatgg	agttgtgt	480
cctattaaca	atcagagg	ctacagaac	ccctgaagt	aatggagcc	actggaat	540
gttgggagt	tacaagagt	aacattatg	agcatgtga	tggatata	aataaaaga	600
gaaacgtaa	tcatataga	gtactgaca	aaaaaaaca	tgtcattac	gtgtctatt	660
cctgtaaacc	tacaagcct	agctgggtc	ctgtaactt	tgattaatg	tatgttatta	720
ttgggtaagt	taaaatctc	tggcttn				747

<210> 3829

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 3829

tttcctttt	gtaaacccta	cttgttctt	ttgcaggat	ccatcgatt	gaattcggc	60
cgaggtaaaa	cacccctac	agttccaat	ctgggcctg	cttctatcta	tctttgcc	120
tctggtcct	tccctgttct	gagccccagg	gaacttang	ctgaaagtca	ccccgaagc	180
ctcagaccag	atcgggaggc	cacacgcagc	tcatggggac	agagggccca	gggtgacggt	240
ccactcatga	gaagtgtct	gtgactncag	ggagtctgtc	cctcttcgg	gctccaatcc	300
ccagcccaag	ctcagatgac	ccagcctgtg	tcccttttag	ggccgangag	ccaccacctg	360
ttcgggggct	ggaggatggc	ttccaganga	cctgggacac	tcacctagct	cgttcattggc	420
acggcggtac	tcctcatcaa	aggacaagct	tcataacagc	acangtgg		468

<210> 3830

<211> 467

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (467)
 <223> n = A,T,C or G

<400> 3830
 cnttgatncn tatacancta ctcanactct tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggggggtctc ttctactgtc ttattggacc ctagcagtgg ctctgagcca 120
 gcagtcctgt cagttgattt cttggtcgtt cctttgtttt cttctataat cacatgtgga 180
 ctccagaatga attttgagtt actctgaaat ctattttattc aacagatatt tacttagtac 240
 ctccatttgc cagactctgc tttatgttgg atattatttt ttaaaagccc accttgcccta 300
 gatttcctca aaggaccagg tggcttccct ggttttgaaa gaccctaatt ctactatga 360
 tcttaagtaa attatatact ttctgtgggc tcaagttctt tctaagaggg ctctttgggg 420
 ctacaaaaga aattgttagt gcaaaaagag tttataaggt ttataaa 467

<210> 3831
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (471)
 <223> n = A,T,C or G

<400> 3831
 tntttnanta cttnaantcn natacanget acttgttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa 120
 atttgacaga gagcgaatag aactgttttg cacggaatat cagaataata agaattccct 180
 agaaatccta ctgggaagta taggcagatc tctccctcat ataacggatg tttcttggcg 240
 cttggaatat cagataaaga ccaatcaact tcataggatg tacagacctg catatttggt 300
 gaccttaagt gtacagaaca ctgattcccc atcctatcca gagattagtt ttagttgcag 360
 catggaacaa ttacaggact tgggtggggaa acttaaagat gcttcgaaaa gcctggaaag 420
 agcaactcag ttgtaacttg gggaagttaa cgatccgccc gagtgcagag g 471

<210> 3832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (470)
 <223> n = A,T,C or G

<400> 3832
 tataccathtt tgaattcnna tacaagctac ttgttctttt tgcaggatcc catcgattcg 60
 ctgctaaaag gcggatagat gtccagttcc tccatgaaat gagatttagt tcccatgtaa 120
 tggcatthtt cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 180
 acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 240
 cactgcgagt atgactgact ccaaggatg gaagtctgtg ctctaattgg gaattcaatg 300
 aacaagactt cagtgaatga acttttttag ccatattata taaaatgaaa aaggatctgc 360
 tcttcatttc aatctcctgt acaattgctc ctgaacagta gtacagaatt gtagagatag 420
 cacattatgc aacctggcct tttatctgag acataactta tgaagcaca 470

<210> 3833

<211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3833
 ntcenttggga ttogatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagccc ctgtgccct tccccaggaa atcaagtcct aaggaataag agtttggttg 120
 acagagttga gccttgagg gacacaaaac attgtaatat ctaagatttt tttcatactc 180
 tcccagaaag aaccaatttt caccctgggg tggcgggggtg gtaaaattgc ccctgttcag 240
 aatacatgct ctaataagcg gcagccatgg gattttatcc taatactgag tctagatgcc 300
 aaatcttttt caccctgtct caaaacaaac aacaacaaca gcaaaaagat cactttggct 360
 gtttttattt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc 420
 aggagaaaag caaatgagtt ttgaataaat attttcccct atott 465

<210> 3834
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (469)
 <223> n = A,T,C or G

<400> 3834
 tgccttttga ntacngntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag aaagcatgtg tgttgggggg tgcgtatcat tttaccatgt gataagcact 120
 tttcataggt agcaaagaca cattatgtaa acttaggagg agggagagaa tgcaaatttg 180
 catgtgaatt ttattttgat taatcgcttt ttttgccttt cagcaatgtt atttatgaac 240
 aacaaaatta tagaaaaagt gagaaaaagt caattatcaa ttattttctg atgaacaaca 300
 acaaagacaa aaaaatggtg ggattgattt attttcccct gacagaattg attgtttctt 360
 taggttctat gcaacttgca gactcactga ggggtgaatgg aatgtgctga aaattcagcc 420
 tgacttgga gctccaaggg acacacctca atgtagagaa agcaggaat 469

<210> 3835
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3835
 cnnatnttg ntcccgttcc aagccacgag cccattttgc aggatcccat cgattcnaat 60
 tcggcacgag gcacaggcca cggagagaga gaggccgggc ctggatgaag ccgtgggcgt 120
 tggtgccgtg cgaggccan catgcttgga ggaaaggtca ccgtggctgt caagtgtan 180
 ccagggcng agccgggctt gtgtttctcg ctcantntna nccatctntn atctgnttca 240
 aagggnattc aaaannccng ggtcagattg tttcttgat tacnctgat gtctggcctg 300
 ccttatccac cctggaaagt tctaagcaga taatanntat gtggcatntc tgaggttttg 360

atgccccgag	ccgtttacaa	tatgtttecn	gactgaaagc	tgggccctga	ntnnctnngc	420
tgagnnctac	nttgaaacc	acgttcccc	cagnctcatt	atcac		465

<210> 3836
 <211> 1039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1039)
 <223> n = A,T,C or G

<400> 3836						
ccagccanaa	nacngngana	aaaggncnga	cgnanacaga	nnnecgannnc	gacgcengnn	60
gaanaagcan	anancacccc	cccaggcggt	ggaacccttc	anagncgacg	aaggcagacc	120
cacgancgaa	ccggcacgag	actgannaga	ncnggcncga	aaaagtgtgn	gccatactga	180
gacccacggg	cagccncncc	gccnctacag	ngncaggngg	accagggaca	ccncnggaen	240
gcgcannacn	gagaannaag	gaancnangg	ccggcacgaa	gggcaaggga	gggannnctg	300
cacgggacgg	canaacngca	agccagcctn	caagcnggca	aganccagcc	aggnggcggc	360
aaaaacaaga	aacagccccg	ggcncagccc	ggcncncaac	caggcccnna	ncaagaaaag	420
anaagcaccn	gngcnggacg	gcngnaccca	cacaacgggc	acgnaaaaag	ggcngcccgc	480
gnggacacng	cnnnncatng	gaaaccaccn	ccnggnaaaa	ancaccanaa	gggggcccgc	540
anaaaacccg	aacnggganc	aagngccann	cagnncgggn	aaanaggang	naaaaaacngg	600
ccagnnngcn	accngggaaa	aaaaaaacgn	cncnncnntn	gncgcnnenn	cnnncacggc	660
aananaaccn	agcgggacag	acannganng	canacanang	cgancggaga	ananggaaag	720
aagggagaca	aaacagcang	anngacgaan	anggnacacg	cnacacgcac	agcgangnng	780
nancaaaagn	annncncgca	nnannagnng	gnangcaaaa	naacgcgang	agannagana	840
gnggacgcac	nngcncacna	ganggcgnnc	ngacgnnncc	ccaaaacgac	nnacgnnnng	900
gagcaganaa	cgacgcacna	naaaggacgn	anganncann	nccngngaana	aaggngagaaa	960
nngnngnacn	anggcgacnc	caggagacaa	canangnnaa	agcnaagccc	cnagnacaaa	1020
agcaccaaaa	naancnccg					1039

<210> 3837
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 3837						
gcnnnttgat	ntncatacan	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgagctg	ccttccaaca	aaatcgtcaa	gcgggcagag	gagttggtgg	ggcaggagtt	120
gccttattcg	ctgaccagtg	acaactgcga	gcacttcgtg	aaccatctgc	gctatggcgt	180
ctcccgcagt	gaccagggtg	atcttcagcc	tgcattccct	tcccaggagc	caggccactc	240
cctcagctgc	cagaggctgg	gtccctgctg	gggccagggt	gggatggaaa	tagacatgag	300
caagacaaaa	tagcagatat	gaaactgttg	tccttgaggg	tgtcacattt	ggggtgggga	360
caagggtggg	gagataggca	agtcggcaat	gtagaccagt	gcagtgggtt	ggggggtggc	420
cacagaaggg	agtcacagcc	tgaacagcc	ctccacagcc	ctagaggccg	gctttatgat	480
tcccacttta	cagatgggga	aactgaggct	caccgtgctt	aagtaacttg	tccaaattca	540
ttaaactcct	agttattgag	tctctagtcc	atgtcancca	tggtgaagaa	cgggggagtt	600
aaacctacat	gtgttctctc	caagggcccc	gatcaaggaa	agcttttgta	gaaanangtc	660
acacccgagc	ccacctgatt	taattatttt	gattaatctt	gaaaaaaaaa	tgaacctgga	720

gattaccagg gaaccggggg ccaataanga agtgtagct

759

<210> 3838
 <211> 751
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3838
 gncnnnttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta 120
 tgatttttcg aaggggattt tgctcatatt aagggttgct ttagggatgt ccaggaaggg 180
 tcaggtaagg aatctttcaa tctgctttct aattggctta gttttccac tgtcttcgca 240
 aaaggacagg aatttccagg ttagtttgca gcttgctttt catcaagcga aatgctcatg 300
 ctgttgggta gatggtaata gaaacctttt gctaccttta tttatcaaga gttgtggagc 360
 cgaggaaaccg tgtcttgga gttgtgcagg attgaaactc acaaaaaagc ctgtttgaag 420
 aagttgttac ctatatattat tcaaggcagt tcacaagcct tataactaact ttgcggggtc 480
 tttcagttga gcttacatga ctgcgcttg ctttgtgcct tggcagccaa catttgccat 540
 gcaggaggct tcccagaaag gttcggattc ctcttcaagt ttgagaagcc tgactgagac 600
 cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc 660
 accttgtggg tggaaatgag ggtttgagat gccaacctt ctgtgccttc ccacaacttc 720
 caattgtttc cattgctcat ttgaccaacc t 751

<210> 3839
 <211> 750
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3839
 nccnnntgaa tnccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
 tcggcacgag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtggttaa 120
 aggggtcccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
 ccagattttt gagataaatc aatttattta tttgcaatat ttacatgcct acatgggttt 240
 ttaaagtatt tttaatgtat ttttaatgat taaaaaatta tgtcccgtat ttattagtca 300
 ttcattactt accattattt gcatttaatc cttaaagcag aagtgtacaa aaaagagatt 360
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
 ggaaataaatt ctgtctactt tttgagtgtg ttttttaatg cttttacttc tgggtgtgggc 540
 atgctggatt ttatatctt aaaaaccaat aaaatttggga aggcattgcc tctaaatggt 600
 acctaaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca tattttatctt 660
 catagaaact gattcctggc tggcctggtg gctcacacct ggtaatccca acactttggg 720
 angttgaagc agggggatgc ttgacccttg 750

<210> 3840
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3840

ncnttttgat	ncntacanc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagatta	gatactatag	taggttaata	atgactaaca	ccttgtcatc	tcatcactga	120
gcttttgtct	aagatagtct	ctgaatttag	aactgggacg	aaagtgtaca	taataggcta	180
ttataaaatt	tttagaattg	gattttctaaa	cttgggggtca	gtgaatctag	caggcttaag	240
cagtgttctc	agggttttct	ggcacagaca	aggaatataa	gaggaggaga	gaaaaggaga	300
gacagtagtg	ggagggaata	gaatgagaga	agatagaaaa	tatggaatta	atagagaaag	360
gatacatgaa	gtattacaag	attttcttgg	aaaaattggc	atttcagtga	tggatcaaag	420
atgtctaatg	aggcaaaatc	tactattact	taaatattta	atgtttttaa	gatttgagga	480
taaaaggata	tagatctgat	ggcgttcata	ctaattgctg	tagtgttgat	gttggagaga	540
ggggtaatgt	atcaagacag	agcagacaga	ccctttacaa	tgagagcaga	agatatgttg	600
tttactgatt	ctactttccc	acaaaatgct	aatgctttta	taagtccctc	ctccttattt	660
tctagattaa	ctcctgtttt	cttcctctaa	accagangat	tatggcagac	aggcaaaaaa	720
aaaaaaaaaa	aactcgagcc	tttanaacta	t			751

<210> 3841
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (800)
 <223> n = A,T,C or G

<400> 3841

aaatacacaa	caggcaagtg	ccgtatacca	ggaattgttc	aaggagagca	ggtagtttgt	60
cttatattct	aacgtgggag	aaagaaaagca	aataaattac	atgaattgat	taattgatca	120
gttgcattgg	ttttagtata	cattttctgtc	agtctgccaa	ccagcacagg	tcccttatta	180
gcatgggaga	agggcctgat	cactgaaagt	attatagatt	tatagagtat	tgaaaggaaa	240
cttaaggaaa	ttgggggcag	tggcctttta	gaaaacagcc	taactccatc	agtgaacttct	300
gcttgcttgt	gcctctcata	tgtgatctgc	tactggcctt	tgttacttct	ctctgaaata	360
acacaaaaat	tatgtttagg	gctctcattg	acttcaactc	caaaccatat	gttacttctt	420
ttaaaaacat	aattttctaaa	aaaaaaaaaa	aaaaactcga	gcctctagaa	ctatagttag	480
tcgtattacg	tagatccaga	catgataaag	atcattgatg	agtttggaca	accacaccta	540
gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgnga	nctattgctt	tatttgaacc	600
attataagct	gcaataaaca	agttaaccac	caccattgca	ttcattttat	gttcaagggt	660
cagggggagg	nggtgggagg	ttttttaatt	ccgggccgcg	gggcccagtc	attgggcccg	720
gtccccactt	ttggtncctt	tagngngggg	naatgcccc	tggcgtaaac	atgggcatag	780
ctggttctct	tggnaaatgg					800

<210> 3842
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (464)
 <223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacacncta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccacg	agcttcttga	gagcaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttgtttg	gcaaattgcc	tgggatacag	aaaataagga	caaggctctg	gtgtagtggc	240
ttatgcctgt	aatcccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgtctct	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtgggttcca	cttgcaatcc	cactatttgg	gaggctgagg	cgaaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcantacttt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggaggttggg	gcttcagtga	120
gccatattca	caccactgcg	ttccagcctg	ggtgacagag	caagggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgtttttttc	tctctctctt	tttttatgta	gaatttgttt	240
gttgatactt	actgaatgta	gtgaccctgc	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaat	accagacagc	cccaaataac	aatgctcttt	ttgtgttttg	ataggttgga	360
tttctgtttg	cttaatatgt	ggaataactg	ggggaaaaaa	gatgggtgtt	tcatttctaag	420
gattgtccta	aagaaagtgc	tactttattt	ttaagaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccattgg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgtgtgcac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattaggca	atttgtccaa	atttctcatt	720
ttcttttatag	gtaaagaaag	cattcttatt	tgattaaat			759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (954)

<223> n = A,T,C or G

<400> 3844

gggnnttttt	tttggnnnaa	aaantttttt	ttncceccca	nnaaaaantt	ttnttttggg	60
gnaaaaacca	nnccccccct	tttacctnng	ggggaaaaac	ccttttncnc	cnnngggggc	120
cnangggggg	aaaaaccccc	ccccaaancc	cgggaaannt	tncccggggg	naaggcccaa	180
aaaaaanggg	naaggaaact	tngggnnntn	ccctcggggg	nnngggaaaa	aaatgggaat	240
ggtaaaaaat	ggggcccaag	ganntaaccc	aaggggncca	aatgggggng	ggggggaaag	300
aaaaaaagna	aagggggntn	ncnccctccc	taaaaacncc	caccaanggg	gggggaagcca	360
anggaanttt	accccnnggg	caagggaacc	aataattaac	ccttggaatt	acccgnngnn	420
acccgggcat	ctgggaaana	nggnnacnnc	atgtggagta	naacaanggc	ggctaataca	480
nccaaagggg	ccaagnnggg	cacacatnca	tncnngctcc	tggaaacngc	atatgcnatg	540
ctctctctta	gaacactngt	ccattngcca	cgggtctctc	acatgaccaa	ancctacatt	600

ggctccaaaa	atcnccangt	aaaatggcac	ttccccaaag	aagggggaaa	ttttnnaaaa	660
cccccccccg	acgcaggcca	aannggaccc	cctgggctac	ttaancanag	ccatccccna	720
ncaanacttg	gnagcactna	aaagnagang	ggggganaat	anctgggncg	gacaacacgg	780
cnactctngg	gctcaggatt	aagngggaaa	gnggaanaaa	ctgggggtnt	caggacngga	840
ntccaactct	aancgggggg	gttaaaggga	aaaaattcnn	ggactgaaag	ggggngggan	900
gggggggaacn	ggctccagaa	aaaggaactc	cataccctcc	tttaatcaca	gaca	954

<210> 3845

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3845

tgttaggcaa	ctgatgacta	tacttatttc	acaactggta	atgtgaatta	ttattgcata	60
aactatagtg	ctgaggcccc	agtctttaca	cttccattta	ataacttcac	agtttcatat	120
cttcttgaga	tacttactaa	tttcaagtc	catcttggtc	acaaggagtt	gtgaattaga	180
gaacaattaa	tatcaccagt	taaagaagtt	agattagaaa	tctgaaccat	cctaaacata	240
agaagtacct	gcatcttcag	agtcttatcc	caaagccgtt	ctgctaaatt	gttcaatttt	300
ctccatagca	gagctttcca	ggcccttatt	tggaagtgat	ttatctctat	gcacagttat	360
gtatggatag	tatacataat	actagcaagt	gttattacct	agtgttaact	ggtggngtat	420
ttacatcaaa	atataactta	atcttatcgat	atcttttttag	gggtttccca	ttaatcaaaa	480
cacgtgatat	atgtaatcag	ttgcangttt	tctgtgactg	ngacagtaga	gagtccttca	540
tcctctgaag	ttgaagaagg	tggatgattc	ttcanagagt	gttcatgaaa	gngcctggga	600
aaactagtnt	tgaacaagaa	gcattaccgg	gaaaactggg	aggagtgnct	aaagccnttt	660
aaaggaagaa	agaatgataa	ggcttaaggg	tggtaaaccn	antcaatgaa	cctgggacaa	720
tgaaaaagnc	cccctttaaa	aaaaaataaa	atctntnttt	ggtttggaag	cccttcatgc	780
ncaggcattt	gacnaaantn	aancccgga	tgaaaaaagg	ggtttttg		828

<210> 3846

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 3846

tngttaagca	ttcaattttt	agatncattt	ntcacaaatg	catgattctg	gccctnaaat	60
ccgnatatnn	gcataatntc	cncttcaggg	gggatacana	aatgggnnta	tgacacact	120
antcngngng	cacgnaaatt	tctgggtgggt	gnaactggtc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgatgttga	actatgaaag	240
atcctttntg	cgcttaattt	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattt	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcataatctg	tgcccagaa	tcttttggtt	480
aataaattn	aaanaaaaa	cccattttaa	aaaatgaagg	nggaaccatt	cnctttnaaa	540
atcaagcnaa	ttnggcttan	cntttaaaa	ttaaccncct	gggttttatt	aacncggng	600
ggtaaagt	ttt	naaaaaaa	aaaaaaat	tttttaaang	gggaaaaatt	660
cntttaacaa	ngggggnaaa	ccttaaattc	ttttccantn	aaaaanggnc	ccctaaaaaa	720

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aaaaanggtt acnttnngtn aaaaataaaa nttttttaac ccccttttcc ttnggggggc      780
cttttttcat tntttaatnc ccccaaaatt tttttttttt tttnaaangg aggggggggg      840
nanmntaat taanaacaat naatttttaa anaaanaacc anggggggtct tttggctttt      900
tgtttgccc caaaaacttg gggaggtgcc agggggggtt ttttnaaagg ncccccaatt      960
ctttancttt acctggtaga ngggaatccc tttgcttggc cccattctt tttgganana     1020
ggnttggggg aatatttggg cctttt                                     1046

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<210> 3847
<211> 1021
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1021)
<223> n = A,T,C or G

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<400> 3847
tacctgatgg ttgnnttntct ctctgngct gctcatgtct gcttaactac ctactctanc      60
agcaccagggn agnaggaata atatgtctct ttcataataa actggcttgg aaggccttnt     120
ttgtacatgc aatgttgnan cttcagggtnt ccaagggtga taatgttggg catnancatc     180
ttgctttggg gcttgtnttt cnaagactca tatgtatngc cctttnttta ttttnaagnc     240
ntctnantgg cccccaccng nngagtttct ttgaatgctt cnngagaaaa tttcccaana     300
anancgnctt tnaccncaa cttccccctt atgggntaac tttancanta aaccccgga     360
ggancnttta attcngcnaa cccantanaa aaanttgnat cntttgggcn ccaaantnnt     420
ttaggttaan ctncaatgta ncnannance tgtntntnct tgtaaattnn tcaccaagna     480
cnntnttgte nattgnccac gttecntnng gnnngtccnc tatttttggg tttggttaaa     540
angaagggtc ngncntatng gggccnccng naaaantgcc ccanntctt cnannaagna     600
acctgnaca accaannccc ttcttnagna nttnnnnaaa ccanttgcan ttgttcnggc     660
tngctttgta atttncaagn caattctttn gnntaaceca tngttntnn tnncagaana     720
gggaaattcc cgggcntcaa ttaaagggtg gcctggcnan gatttnanna aaaannnnna     780
nnnaaaatna tngnnggect ttttnaaact tnnnnnggat ggcggtatta cnnnagtant     840
nnccnngcat gtnantagnn annacatgtg nnttannttg ggaaccaanc cccacctnn     900
nantggcgtg nnnaaaaaaa tagctttttt cgggnaaatt tgggcaggcc tatgggntta     960
ttgtntaac atttattngc tcnngatnna nnttnacnc cacnntcgcc tctatttctn     1020
c                                                                    1021

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<210> 3848
<211> 898
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G

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<400> 3848
tttggtcctg gagtntnate tacttactgn catcttccnc ggnctntggc ngtgccntgt      60
tccatgccgc ngtgaggcta tatgagatgc gccttgaggc ngcctggatt tttngnntgt     120
aacacngtgg gctgacttgt gnntctatnn nanatngccg attatacaan cnnngntcn     180
ctggncann actantgntt nagagnntc ttnaaccnnc necgctgtnn cngctggnt     240
gancngangg ncttgtgtgc agtnactgnt tccntttnc caggnnnng cectngann     300
catactntnn tgctgtcnc agtgtntnng ggancntnn ntcannana ngtctcctg     360
accngnaag gaacatntnt ggantgacat nngngnanc tctngangta tggggaacc     420
canganngtg gtcaataang ggcctacaa acatgttng gaaggctcct anggcattng     480

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ggnnaaacat ntnacnnc tatacaagt gcttnncaaa gngaaagcgg ttattcntnt 540
antaactcnc nnnacnggac ccannantga ccncggcttg nnaccntgmn naaccnntc 600
ntngaactac gggccnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660
canccacaaa cctggccttg ggnaaat tttt ncggttgcat tantaaaant ganggggggc 720
tanctgcttt tgggccctct ttcnaccttn tttntgangt angntttttc ntttttntc 780
ncgnncantn gataagaata ncntttgggt tgaagttttg ggtnccaacc nccttcttnt 840
naatttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgnnngn angcttnt 898

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<210> 3849

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3849

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gaagttcaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60
ccacttaacc tggcaacaaa agttaatgt gttggttccc tttggtgtat tatattcagt 120
ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtat 180
tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240
tgaactacta agggaaagt ttcagaattca agtctagact tcatcacttc atagctctgt 300
agcttttaggg caggttcttt agcctctctt tgtctccgtt tcctcctgtg taaagtaggg 360
ataataaaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420
aacatttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480
ttgctgttct agtttataag aacagggtgtc agaatccagt tttgaaatga aagcccagaa 540
ctgtgagaaa tgatggtttt ctctattaga tgttctagga aataaggaaa catcaagaat 600
aatacagcca tgcttagaac agtttaaata tatgtccctc ttggcttttg actttctctg 660
tcacttccgt gctggctctn ctctttccag nctcttcata ctctaattctc tgggtctcagc 720
ttctacttgg actcctntga agggatagaa aaaaaaaaaa aaaaactcga gcctttaaac 780
tataggggtc gnntacgtan ancc 804

```

<210> 3850

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3850

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ttcctacctg cncctggaatg cccagagca cctggccttg ctgaagcagg ctgtgctcgg 60
gttccagctt ccgcagatgg accttccacc cctggggggc ccctggctcc cgtgtgtctc 120
catggttgct cagtacgct cccagatccc cagctcacgc cagacacagc ctgtntccca 180
gtcccagggtg gagaacctgc tccacagaac ctactgtatg tggagaaca agagtccctc 240
cccagtcctat ggggcaggcc cctcggtcat ggagatccca tgggatgatc ttatgcctt 300
gngtatcaac cacaagctga gagactggac gcccccccg cttcctgttc atcagaggcg 360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga 420
tgttcctttg togtgggaac aagccangtt gcanacgan aaggagctac agctgataga 480
gggacgtttg gcaataaaaag ctttttccat cttctgcaa acaattttcc cataccattg 540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc 600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtggt 660

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ttntcgagca ntcttgcttg ttggggnaaa gaaagaaaac caagaggggt tnaanaatca	720
gccttcacca atggntgggt tgaaagaact caggangcct tttacgggtt ttaacttttc	780
cttnccccn ttnntctttc ctcagacttt tagnggtntc tttttcacac tnttgggaacn	840

<210> 3851

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 3851

tttattgacg ggaagaggtc atcttttttt ccttctgaaa acaaatatgg attaattgcc	60
tcaaatttgt ataagtgatt ggctagtgat tcttgttttc agaagggaga gtggtataga	120
tagaaaatga caaagatggc aatatacact taatgttggt attgtatgtt gttactgaag	180
tacttagatt tttaaaattt caaatcctaa atcacttctt gtaggaggggt tttcattaac	240
tgcagtatat acagttcact acatatgggt tgtttgagtt ttttggtggtc tgtatttctt	300
tctgtttttt aatacctgggt tttgtacata tctaactctg ttctcttttg gttgttcaga	360
aactggattt tttttttctt aagcagtgtc taatttgtgt tttttaattt tgattcanaa	420
gtagtccag ctcataagggt ttcatactgt tacatccaga acatttgtca ggctctctgt	480
cagctttcat gtacatatgg tatagaaacc catggagtta ggcacttctt ggattttttt	540
tttatgagaa aaaatctgta tttaaaatgt aaaataaact tttaaaaaag canggcncta	600
atatatatat cttncgcct ttgattacca aatttgtccc ttgcnatgg ttaaagatga	660
aattatcttc ctaaaaaata tcaatgggtc ttggggaacc aggggggattg ttacntttac	720
cataaccaac nggttnctg gcaatgggggt tcatgggtcaa aaaaattttt tgggtttttna	780
aacttttntt atttgnctt tggcttggtg gattaagncc aagnncaaag ngccgaattn	840
c	841

<210> 3852

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 3852

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gattaaacat tctttaatac ttagatcttt catctgttta tgtaacaaac cctaacatac	180
aggcttaatg ccttgagat attaaacttct ttaacttaat ctttgtaaca gtcccatgaa	240
gtaggtctat tattattaca ttttccattt gaggaatata agacataaag atattaacta	300
ccttgcccaa cagctaatta gtggtggagc ctacttttga actcagacac tctggctcta	360
gactcttttc ttttattaac cactgcacta tgttacattg tttttttatt ttttaacttaa	420
gtgtgttaac cttgaatttg aattatgttg tattagcctg gtaagtggga tcacagaaac	480
gtgtccactg cctagatgggt aagagatcat ttgtctttca tctttgcata cttaacatca	540
aaatataagg aagaacaaag gaaatgttaa tcttttaaaag cctcaaagta taactccttt	600
taaaatgcta atgattctgg aaaatgggtc gacctttaac tgcttttagtt gaacatttta	660
gacaggagct aatattttta acaaggatag caggaatcat atgtttttatt tctgatcctt	720
gacaaagctg aagagttgca tcttcataag ggnttcactn tntgntacac actagactac	780
ttgcaagggg tgcccn	796

<210> 3853
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (827)
 <223> n = A,T,C or G

<400> 3853
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 gtgtgctgga gacgcccaga ccgacaggcg aatggntcga gtgcacctcg atccgagtct 120
 cagcacctag actaattagg atgacctcag agatgctgaa gactaccttt ggtagcctc 180
 agnctttttg nttttggttt tttttgagac tgtgtctcac tccgtcaccg aggtggaga 240
 gcagtgggtg gatctcagct nactgnagcc tnaacctctc agactcaagc tattctccta 300
 cctcagcctc ttaactagct gggatcacag acatttgcca ccatgcccgg ctaagntttg 360
 tactttttgt agagacaagg gtttgccatg ttgccaagct ggcttcaact cctggggtca 420
 agtgatgctt gcctcagcct ccaaagggtg tgggattaca ngcgtgagcc accgcacctg 480
 gcctgttatt ttttaattag ctgnggaatt tttttttcca nataaaatat tataaaattt 540
 attaaaaact ttattttctc aganggggaa cgnggaaata ctaattcccc aaatgggtcc 600
 ttttacatct agaggtccaa attttccnca atngaaacnt ttctttcaat ttcgggtact 660
 ttttttggtt ggtttngaga anggaagtct tgntnttgct tncaggtg ggantacaag 720
 ngagcccgag aacatgcccc ctgnattcca nctggggnga caaancccg acnttttttt 780
 aananaaaaa nangnnnnnn annnnaaacc cgggccttta aaatttt 827

<210> 3854
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (826)
 <223> n = A,T,C or G

<400> 3854
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 ttctctccag cgcagcaggg cactctagc ccagaaaaag aaaactgact ttctcttatt 120
 tctgttttct gctgctgcta atctctctct gaagggttgt gtggtctctt gggactctgg 180
 aaagaaactg caggggacga ggacaaagga aacagctact gtagtcaact cagctatgca 240
 ggctctgtgc tagccctgga aggcctgga cgttcangtc tgotgtgcgc ggggtaggcc 300
 ccagaacaga gcggtgggac catcgctctg caccacagct gccagggtc aaaccttggc 360
 tctgccttac ctggcttttg gatcttgggg gatgcacagg aactctgtg cctcaatttt 420
 cttatcttgt aaaatggggc aaatacctac caagtcatag gggatgatga aagtctannt 480
 gagataatgg agggnaattt cttttttttt ttaacttaaa ttttggatcc nttttgggtc 540
 gatntttgta tattgggggg naatttctta naagctngaa agttattnaa tgotgtctat 600
 gagccaaata ctgngccnag ggctcttgct cagatcattc cagttaatcc cacccaagan 660
 cccaacagcn caaggggttg cttatatttt tggggngnga nggaactggg aaccnaggg 720
 gaagtcacgg gnccttngcc caaagttacc cccgaagttn aagcgtttta aaccaagaaa 780
 tttgaacccc caagccaagc ttgaccnant ttggtttgct tnggcn 826

<210> 3855
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3855

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atgtccttag atagttagcaa atgctccaga gaggggtaat ggcactgctc ctacttgaga	120
accactggct cctgtaactg cttggcctag ttctaacttc taaaatgttc tcctttcctg	180
agagtataat gaagagccag atactttgtg atctttctat cattcctctg gcttcttgga	240
cttccttaat gattgagctc agatgctgga gtcacatcgt ctggctatga aatcaagctc	300
tgccatttac tgggtgtgac cttgaacaat tacttaatct ctccgtacct cagttttctc	360
agataaaatg gagataatag tgacatccac ttatttttgt gaagatgaaa tgaaataaag	420
catgtaagct gggttatcaca ctgtccactg gtggaggcat ggtaattgna tgaaggggat	480
gacgatgatt gacnatgacn atgatgatga tgatggctcc caaccttaag ggcttattcn	540
agccagaact tgaaattgac ctttaataatg aatactncaa aaaacacaga caggcacatg	600
atntattaga aaangnagca actacggngg gagtcaagta aatnctaaac accctctgcc	660
tcaatctgta tggntttgaa atgtccttta nccgtcttga tttttacata tctatgaaaa	720
ttttngggtg catgggggtt aaacaaaatg gatgacttaa gccnttgga agtaatttca	780
taaacaacct tgttgatatg taataaaaaa cc	812

<210> 3856
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3856

ttgctttaca ttggtgaaaa aagtcacatc ttccaagcca ctcattncat cggaattggg	60
agggccacca tcttatagct gggcttgtga acctttgact tttcccagta tatattggac	120
tattttgatc actgctatat gcttctagtt cctcaatcan natctgccac agaggaggcc	180
ctctaaattt tttgtggaat tacttaatga aatgaatgan tgattattcg ccttcacagg	240
attgtgtgag accatataan gtgtgtagag cggtttgacc tcccaccatt gaaatgctcc	300
ttaccattag catctaaagt gattcactag agaaatgtgt gtgctctcnt gacagtctgc	360
ttgttccacc ttgctggaat ctaaateccac gagaatcctg tgttcatttc tctctaaaga	420
ataattacga ccatntaagg taatagctaa agaatecnaga cctgtaagaa ctcttanacan	480
gtacagtggc ctgtgcctgn agtcccagct actcangang ctaangtggg aggattgctt	540
gaaccntga gtttngggct gnagtgcctt atgattgtgt ctgcgaatag ccactgcatt	600
acagcctggg caacataagg gaggaccatg cctttggaaa aaacaaacaa cttnttggga	660
agtctcctaa ataacctatt tnaaagaggt caacaatttt gcccggtggg gttggcgngg	720
taaaggacaa aaanttgcca ttnggttttn atntttttaa ggnnnnaggg gggngggggn	780
ngnnnggnnn nntaaannnn gggcccnngg ggcccattna nttnggnncc cngtt	835

<210> 3857
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3857

ggtgnttnnn	ccttgaaanc	tttatacanc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgctccaag	gacacagta	ggatcctcgt	tggtgacagt	cgaggccgag	ttttcagctg	120
gtctgtgagt	gaccagccag	gccgttctgc	tgctgatcac	tgggtgaagg	atgaagggtg	180
tgacagctgc	tcaggctgct	cgggtgaggt	ttcactcaca	gaaagacgac	accattgcag	240
gaactgtggt	cagctcttct	gccagaagtg	cagtcgcttt	caatctgaaa	tcaaacgctt	300
gaaaatctca	tccccggtgc	gtgtttgtca	gaactgttat	tataacttac	agcatgagag	360
aggttcagaa	gatgggcctc	gaaattgttg	aagattcaac	aagctgagtg	gagaccatgg	420
tctgtagacc	ccttcccgat	tctcctgtcc	cagcttgga	ggcattgaaa	acagtctccg	480
tttacacatc	tcttcatacc	acgtgtttga	agtgttaaaa	ttcaaagggg	tcattgaata	540
aaacgggtgt	agagtacagg	aatggggcag	acgcgattca	ggtgaacagc	acaagaagaa	600
tatgangtgg	ttcctaggag	caacactttc	gacctncagt	cttctgatg	acagtactgt	660
ctncaagaga	aaaatcctca	cttattaact	ctcttttctt	gcattctcatt	ttatagagct	720
actcatcctt	atttggaana	accancacca	aaaaaggctt	ttagaaaatg	gt	772

<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3858

ctctggctct	tggaaaagg	cagtgtctct	aaaccaggg	aaacggtaaa	tgtggggcat	60
aggcaagagg	gtcccgggta	ggtggccact	tcccatcat	gctcgtttct	cattttgtgt	120
tttttagtaa	naaaaacaca	gtgtgttctt	ttgccagac	attaatcttt	agaatgcctg	180
tattttctaa	tgttgggatt	tctttcaca	ccaccacct	taatatttcc	attgtgactc	240
agaaaatcag	acttcattcg	attctttaga	gaactataaa	tactgttgct	agtagagtga	300
agtcttgtct	tatgtaatcc	taattacaga	atgtgttctc	agaagaggta	ggctagacca	360
gagctgggca	gaccacagg	agaggccaaa	tccagcccc	tgccgatagt	agctaataa	420
agttttacac	ccacttggtc	atgtattttc	cctggctact	tgtgggcagc	aatgccagag	480
tcaagtcatc	ataacagaga	cagaatggcc	tgaagctgg	atttactatt	tcaactttta	540
cattaaaact	tgatgacccc	tgtgctagac	aggcagctca	tttctgcagg	taaaattata	600
ttcatctncc	aactttcatt	ncaaaattga	acctatatta	ctgaggccca	aaaaannnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnccctn	ngccctttaa	720
aaccttttgg	gggncgnttt	nccngaaccc	nccctganaa	aaaaccttgg	tggagttggg	780
ccaanccccc	nctttnaatg	ccnggaaaaa	aattnttttt			820

<210> 3859

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3859

ggtgnttccc	ctttgaaacc	ctttanacaa	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagg	tgggcaggca	gctgcacctc	attcctgaga	ccatccgggg	120
cagggttttt	ctgactgaga	cacacgaccc	tgacaccaga	gagaattctg	tatttcccca	180
cccttgagg	ggctgcccct	agagaatccc	atcgggtgag	cccaggaacc	cacaagttct	240

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gcacccctcg gatgggtagg cattttgagg gcatgaggta ggcgttacag tgataagata      300
cacagggtc taaaccacag aggcccggt tcaaatcctg cctcttctaa gtacaaatta      360
gttggctttg ggaagtgagt caactttgcc ccgggctgca gtttctctgc tgtcaaatgc      420
atgggagagg gtgtgtgaag agttaaaatg tatttagatt tcaactgtagt gtctcctcca      480
acatgatctc acactccttt tacagtataa gcaggctgat gtcagaggct gtgactcgcc      540
ctgccaggtc taagaccgtg gggcgtggtc acaggctacta ttttangact cctctnacca      600
caggcactga acttggggct tgcataataa tcaccccatc actcctcaga agatactgta      660
acgtaggatc ttttattggc tntattgagg cttaatgcat ccattttang nggtacaatt      720
tgatgagttt tgacaaaagt ntaancttgt aaccacaatn nccganttca tgacact      777

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<210> 3860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3860

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gaattcggca cgaggacaca ttaaaagaga gatatcaaaa aattggtgac accaaaagga      120
atactcccat tgaagctctc tgtgagaact ttccagagga gatggcaacc taccttcgat      180
atgtcaggcg actggacttc tttgaaaaac ctgattatga gtatttacgg accctcttca      240
cagacctctt tgaaaagaaa ggctacacct ttgactatgc ctatgattgg gttgggagac      300
ctattcctac tccagtaggg tcagttcacg tagattctgg tgcactcgca ataactcgag      360
aaagccacac acatagggat cggccatcac aacagcagcc tcttcgaaat cagggtggtta      420
gctcaaccaa tggagagctg aatgttgatg atcccacggg agcccaactc aatgcaccaa      480
tcacagctca tgcgagggtg gaggtagtgg aggaagctaa gtgctgctgt ttctttaaga      540
ggaaaaggaa gaagactgct cagcgccaca agtgaccagt gccttcagg agtcctcagc      600
cctggggact ctgactcaat tgtacctgca gctcctgcca tttctcattg gaanggactc      660
ctctttgggg gaaggtggat atccaaccaa aaaaaaaaaa aaaactcgag gcctctagaa      720
ctatgtgagt cgtattacgt agatccagac ttgatagatc attgt      765

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<210> 3861

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

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aaaataatcg ctgcaagtta cagtgttttt cattaatgac ttccaaatgt ctcacatgta      180
ttgtctcttc ccagtagcat aaacaaagat gcaggagggt gcaatgagtt cctacaggcc      240
ctagagctga cggtaggggt gggaatacag ttcacaccgc gtcttcagct gtgttccttg      300
tggtatgacat ccactggaca gccaattgat aaaaacagtt atcagttcta aagtgttagg      360
acaattacag cttattcaaa gaaaactcaa ttaaggagga gttagtaaag ctagtattgt      420
tcttatcgty tgcaatgctg cagtgtcggc tcaactgcaac ctccatgtcc caggctcaaa      480
tgatcctccc gagtagttgg gactacaggc atgtgccact atgcttggct aatttttgta      540
tttttttata gagactgggt tttgccatat tgcccaagct ggtctcaaat tctgggacgc      600

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aagcctggat	ttgcctggct	gccatttctg	ggttttgccg	caattcagtt	ttttatgaca	660
ggcagaccag	tgagtagaat	acagttcttt	ggataaagga	caaactgaag	cactaaaaat	720
ggagagtcac	tttaaagcaa	aaaccagtgg	aatgtgttac	ttggcttcac	c	771

<210> 3862
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 3862						
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ttcgggaaaa	ataacatgtt	cactttatga	aaggaagaac	caggnaaaaa	taatagaaaa	120
taatgaacat	gagtggagat	atagatgaaa	gctaaataag	cattcactgt	gtcttatcaa	180
gagtgactaa	taagctgaca	gctttatttg	agttctggta	agcaaattaa	tatcatataa	240
atcattacaa	tttgataaaa	gcaaaacctg	ttatcaaatt	taaaaactgt	ttaataattc	300
aacactccag	tggtttgctt	tgtttaagca	aaaggattct	ggccaagata	ttttacttca	360
gctctctgcc	aaagatgaca	attgtcagtg	atttgtccag	agggggggact	taagtctttg	420
gtaaggatcg	ccaacagctg	gaaagtatgt	attgcataaa	atatgtccat	gatactttac	480
caacattgta	gagaatgtaa	gctataaata	cagttatatt	acaaagagtt	tacaatctaa	540
aattaaacac	aagaattttac	ggaaaaatca	ccaaaacaaa	ttaaatggaa	atatcatttc	600
acaagggttct	tttaatttttg	gccatatatt	tgataataaa	tacatatgtg	ttntagctat	660
cttactttct	ttctttattct	gatttnacct	nntgtggtcc	cctgctg		707

<210> 3863
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 3863						
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ananatgcct	gtcnagnn	caaaggaagg	ttgtnnecgt	ttacgcctat	tgggtggaaaa	120
aancccnttn	tngaaggctt	atcctcaaan	ngcnntnngc	gttcncccg	ctggccgttt	180
atncaccnct	ggnaagagg	ganttnattn	naccgcctct	tttttanaag	annnnaaagg	240
ttengcatnn	tggggcnnnn	gnncacactg	gctttgaana	gcnanagctg	agtgcacatc	300
accagatnc	aaaatggtna	catgtcaact	gtggccgaaa	acngggccgc	actgncccat	360
ccgctcttcn	ggagnttgtn	ggccctttat	ncgcacnaaa	ttgcagcctg	ccggatactg	420
tattcacaca	ggctntgagg	ggggagggat	tgtnntcaga	atgcattaag	cgcnttnaat	480
agcctgentc	ngttgctttg	tcaantggtc	tnnacatgaa	tgcccgtccc	ctgaatatch	540
ngtaatcacc	tatcnacct	gggatcgcaa	nncgttaaaa	canaagggca	agtgcaggng	600
gtcgtactgn	gnaagagctc	c				621

<210> 3864
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3864

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tcgattcgct	cagcccccca	gtttttatgt	ggacatgttt	tcctctctct	tgatatata	120
cctaggagtg	gaattgcttg	gttgtgtggc	aattctatgt	ttagcattcg	aagaaattca	180
ttgaatggta	agctgaaaag	tgacgtgggt	gaattttctga	tttcagaaaag	atcactgatg	240
tgatgagaat	gaataactct	ctggagtgtc	aggatgtggg	ggcagggagc	tagcttagta	300
tattattgca	aaatcttgcc	aaagatgagc	tgatcaaagt	agaggaagca	tgaactaaga	360
ggggagcagc	aggagtggaa	aagagagata	taatgatgct	agtacagagt	ttatatattac	420
agaacttgaa	atgcagctca	ngagtgggag	gagtcangtg	gtgccaagcc	tacataaatg	480
agcatgggtg	tgcttttgac	aaatagggag	aagcaganag	gggaataaca	ttttgtagtt	540
tcttaatttc	taatatgtct	tgagataggt	ctctaattat	atgcagctca	attnacagat	600
gaaagttatt	ggtttatcat	gcattcatct	ttatgaaaag	aaaggattcg	gccttgcttc	660
ttccttggtg	ccaaagtatt	ggncagggct	tgggcacngt	ggcttacacc	tgtaatnccc	720
agcgcttttg	ggaggctnan	gcaggaaaaa	tccttggacc	ctgggaaggt	naaggttcca	780
ntgancccan						790

<210> 3865
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3865

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agagtgacta	cttagaagat	gctgtcccca	ccttcgcccc	ctccctctag	ttgcccaaat	120
gtcttacctc	ccccagcttc	actcgggcta	gtggagggtc	tcttagactt	ctttcaaggc	180
ggaggattta	gagtcctggg	tgaagtggcg	gtgatggatg	gctggggacg	tggggctgct	240
gactcaatgg	tgatacatca	agcagttaat	taagggacaa	gttatcttct	aagtgggagg	300
taaaggattt	tctgttcctt	tggtcttaaat	gctcatatta	atgccatttt	ccctcatgga	360
gacctcaggc	tgtgcttaaa	acgcttccat	aattcctttt	ggcactgcta	gaggtcagca	420
ttgtccactc	gtgaaggaca	caggtaagtc	acagacattg	gggcttctgg	ttgttaaagg	480
ccaagaatgt	gggatgaaaa	cccccggtg	ccccatagca	agttaggggt	tgctcancag	540
ggctgttttc	attcagacaa	gcagctcatt	ccaaaccagc	cccagagagc	cgcttcaata	600
agccattgtc	tgcccaagga	ggaagaactg	ttgtccaagg	ctgtggntaa	tgcatgacat	660
tggtagtgtg	tccaacaagt	caaaacttgg	ttacagaaaa	gcagcantga	cnaggatctt	720
ggaataaatg	ccttggaccc	angtgccaag	gaattttcca	cgcattn		766

<210> 3866
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

<400> 3866

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tgcactccta	gctgggttgc	cttaacaagt	ctattttaact	ttttcttagg	gtattttctaa	120
gagagttcca	aatgggaaaa	aaaatnctat	ggtggtntgg	aaattttaat	gaataataaaa	180
ttcccatttt	aaggttaaaa	ataacccaaa	aaantaacca	cctccgtant	ccattaagan	240
catttttagga	agnaagtttn	cctttanctt	tnggggaaaa	agggtttttc	caattttttc	300
cccttnaaaa	tggganccan	ttccaacett	gggaaaaaan	ccaaggccca	aggggggttaa	360
nttggaacc	caaggaaagg	gggggttttn	ccccccctt	gggaaccctt	tttttgggaa	420
attaagggnt	tttttttaaa	aaaaatttta	aattcccctt	ttaaaaaatt	ttttnaaaat	480
ncccccttc	cctnggggtt	ttccccctt	ccnttgggcc	ccccttttgg	gggggggnccc	540
tttttaaat	tttaaaaagg	gntttttttt	tngggnaaaa	aatttttnaa	aaangggggg	600
gggggttttt	aaannttttt	gggggggaaa	aaaaaaaaaa	aaaaaaaaaa	nnaattttan	660
ttttaaaaan	ccccccagg	gggggggttt	ttttnaaaaa	antttnancc	caaaantttt	720
cgggnttttn	aaaaaaatna	aaaaaaattt	tccccaatna	aaaaataaat	taaattttnt	780
taaaaatanc	ccnccccctt	taaaaaaaaa	atgggaaaaa	aanttttaatt	tanttttccc	840
ccaaaaaaac	cttccaatta	aaanttttna	aagtttnttg	gnaaacccaa	atttttggcc	900
aatttttggg	anaaattttt	taaaaaaatt	naaaaaagcc	ctnaaaacca	attcggggnc	960
cccctttccc	ctttctttca	aatnaaaatt	naattttcct	ccccgnaaag	gggncccttt	1020
ttcctttccc	tttgganggg	gccttggggg	aagcccncc	caaggncctt	tttggccagc	1080
ccccgnaaaa	gggggggtcct	ggcaccctta	nnctnggggt	ttttnccttt	ccccctgggn	1140
nanggggcct	ggna					1154

<210> 3867

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3867

gtgattccat	tngatacagc	tacttggttt	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggatca	caccactcca	ctccagcctg	ggcaacgaag	tgagaccctg	tgtcaaaaaga	120
aaagaaaaag	agaaaagaaa	agaaatctga	aggtcttgac	aacccttggg	ccccatcct	180
cctatgactt	tgggacctaa	atcagagctg	gocctctttg	taacaagggt	gtggggccct	240
ctatttcact	gtantctgnt	ttcattccct	gcagccctcc	ttgatacgaa	agatgccagt	300
gacagggcca	ggcacttgtg	gctcatgcct	gtaatcccaa	ggaggccgag	gcngggcaga	360
ttgcctgagt	tcacgagttc	aaaaccagcc	tgggcaacac	ggtgaaaacc	cccggttcct	420
ttcntttggg	cccctaagat	acaaaaaatt	accaggcatg	ttggtgcatt	gccttgtagg	480
tccccaaacta	ctcggggaag	gcttgaaggc	caaggaanaa	attggccttg	gaaacttcna	540
gggacaacaa	naaggcttgc	caagttggaa	gaacaaagga	atnggggtggc	ccacttggca	600
attttcttaa	gccccanggg	gcntttccag	ggaagccnaa	gggaactttc	ttgggttcntt	660
cnaaaaaaan	aaaaaaannn	nnnnnnnnnn	nnnggggncc	ccctttnttt	taagnaaaaa	720
ccctttnttt	taagntnggg	aaaggttncc	cgnttaantt	ttnaaccccn	tttaannaaa	780
tttcccccca	ggaaaaccan	tttgggattt	aaaagggaaa	ttccccntt	tttgggnatt	840
ggnaaaattt	tttttggggg	naaccnaaaa	aanccccac	ccaaaacctt	ttaggaaaaa	900
ntggggcccaa	nnttggg					917

<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 3868

ttgatttcca tncagntact gctattgttc tttttgcagt atcccatcga ttogaattcg	60
gcacggaggt gagnaacggn gaatacgggt aaaacccttg gctcatggaa agcatagcnc	120
aacataaacc ttttaagcaa accagcgcag agttcccgctc ataagtggcc accatcttca	180
gaaaccaggg ctcttgggtg tntccanaan tttgccagga atttatgtta ctttaaccca	240
ctttggtnng gggaaaagct tttgnaaata gaatcataca tgcatttggt ttttaattac	300
agtgcggttg gcccatnaat ggggnttaaa tttatacttg agcacatggg caccatatac	360
tgggggtttc cctcttgggt caagggcccc ccattggcca anaancagag tctaaaggaa	420
aatcttgaag gttgaaaaac cnttgggggg aaaggnaaaa aantcaaat tcccagtggtg	480
gaaaaagaag gaaaaatagg gangggctta aaccttgcaa aaaaattgaa aaanttgaag	540
gggtttgctt ggtcnaaata atcttgggaan ggggccccctt tttcttgcnagaagaaggagg	600
tgnaacaatg ggagnacaac atttcaaatt aaaccattat ttggtaaaaa cnttnccttaa	660
aaagtcaatn gnccatncca naaagggttg aaatgggagg ggnnggtggt tctcttccgt	720
tccaacttgg ggagttcttg gccaaaactt ttttggaagg ggcnttggtt tctttttgga	780
aaagnaaatt aaaaggttnt tttgggaaca ngggncaatt tggagtttnt ggaatncccc	840
aatttta	847

<210> 3869
 <211> 661
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 3869

nttgattcca tnnntnacng ctcttgnctt ntgcggatcc ctcgattcga attcggcacg	60
agatgaatgt ggaactttta tttttatcca ttattttcaa attggatcan tgcctcctg	120
atctattaga tctaagacct aagaggaacc taccttggtt tggctagcgg gtacagactt	180
tcttactaaa agnggggtgt atttcttaga atagcatntt ctggtgagta gagatgattn	240
tcaacaatgt ggctgngtca cttnncttca aagtgattat ngagtgtgaa agtaagcant	300
tgtaatactt ttttaaccact gtctgtgttc ttaccagatg ggaaaacanc actcgtcttg	360
aaactggaag ttcccagtc tgggatgatc tganaagggt ttggaaggga aaaaccctt	420
gtagagata ttgcagttgc atcacacacc agcttgggtg ctgcctagga tcanctgctc	480
agtgaanagt actcttgcta aaccttacac caccagact atgcgatttg gataagtaat	540
acttatcttg acctgtgttc ttttganggg aaagaatgnc tattgggtag gattattgna	600
aatgagatg agatatacct ataaagttt agcatgatgc ngcctctaataatctgcac	660
n	661

<210> 3870
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 3870

```

ttgaattcaa tacttgattc gattttcann cttggcggga tcccatcgat tcgaattcgg      60
cacgagagtg ctgggattac aggagtgagc cacttaggct agccctgaaa tgcttttgtt      120
tttgtttgng ttttttgttt tttaatgaaa atacagggac atggagatgt ggaaagacac      180
cttgctttat tactgggtgtt attattatta ttactacagt ataattcatg tatcacaaaa      240
ttcacgattt ttaagcatac ctttcagtat tttttactat attccaaaaa gttgcagcca      300
gcagcactac ctaattccaa aatatttcat aatgccaaaa agcatgcctg cnctattggc      360
tgtcactctg caattccccc ttcttgagg ctctggaccc aacccccncc cctttaaaaa      420
aaacttcttt ctttntgtat agatgtactt ggtctggggc accttcctct ttatnngaaa      480
aacaaaaatg gggngttttt ggggtttggg ttntcaaaan aaagggncn caannattna      540
anaccctttt aaaccccggc cnnnaccctt tanaaanttt nttngggccc aaaaanaaatn      600
tcccccttta tngggggtaa cnnccaaatt tggnggnnn taatttccca atttnanaaa      660
ccaaagtggg tttttnnccc cntttttttt anaaaccttn tttttntgg aaaaataaaa      720
nnggccctgg ccntaannna aaaacaagcc ttttttggcn accaattggg ttttttngg      780
gaggtngggn aaaccatttt ttn                                           803

```

<210> 3871

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (834)

<223> n = A,T,C or G

<400> 3871

```

cttnttctac tntttctncc tggaaaaccg ncnnttgcag gacccatcga ttgaattcg      60
gcacgagggg atttgaatgc ccatgaaata catttttttt tacttgaata tattcttgc      120
tcactttacc ctccataata tgttgtncat tagtgctgat caagtttaca gagttacatt      180
ttgctnnctt aaccattcag gcaggaatta aaatatggca ttgttaacaa ctgggaagaa      240
gctcatagng gatatnaatt anagtagata atgggtcacc ttgatagcct ctgnttacat      300
cacttgnata tgggcaaaat aattattacc tatacgtgta ttttaagctta atttncatat      360
aaacagtntt ttgaatctat gctaaaanag ataatatcta aaagngtgat ctntacgtag      420
tccttagttt atnagtctgn actncaaaaa gattcttaaa taagcccggc acggaggctc      480
atgccngtaa tccaacact ttgggagggt gagggcggcg aatcacctga ngtcangagt      540
tcgagatcaa cctggccaac atggtgaaac ccngtctcaa ctaaaaatat aaaaaatagc      600
cccggccgtg gngggcangc acctggaaat cccagctac tggggaannc ttgacgcan      660
gaaaaatcac ttgaaacccc aaggggcaaa aagctgggag ggtaagccca aaanccgcat      720
tnattnggac ctcccaancc taagggggac aaagaaacgc gagnaactca atcttaaaaa      780
ncnnntngnc anttattgnc nnaaanggna atgmgncncc ggaaaaaaac cccc                                           834

```

<210> 3872

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (970)

<223> n = A,T,C or G

<400> 3872

```

tgtnagacgt ttcaagggtca gtgtattagt ggctcatgcc taggggaagg aataacattt      60
ggagcaaaaca ggagacaaat tgaaaagctt caggaggaaa ggctaggaaa taagattctt      120
tgggcgagaa taaggacttt aaagagattc cacatattcc tgggaatctg aaagaccata      180
cacatgccta gggctgggca tgtgcttaaa aagacttgag agggccctat gctgtcacct      240

```

```

ctgcctgacc ttcaggtctt gtgcaagcag gaagtgaagg ctaaggcata gttataaact 300
gcatgggtga aggttgaaag gtgtgtccca acacagaaca catctgcaaa tgctacgagg 360
cattttgttg tccaagtgt tcaaagaaat cttttgaatc actactgacc actaagctaa 420
ccaaagactt agtggccaca cctgacaaag aatacaaact aaaaaactaa aaatgtagtt 480
caagaaaata acaggctggg cacagtggct cacatcggtt atnccagcac ttttgggang 540
ctgaagcang tgggatcttc tttgaacca aggacntttt gagaccagcc ttgggcnaca 600
ttggcaaaaa acccccatct tnttgnaaaa aaaatacttt aaaaaaattt tgccaggggg 660
ccctgggtgg gcnnccccac ctttantagg ttncccaagc tttnccccca agaaaggcct 720
tttaanggtt gggggaaggg aatccaancc tttgancccc tttgggggan gggtncccca 780
gggccttttt aaattggnag nccccattaa attcccttgg ncccatttgg gcancctttcc 840
aaaccctttt aggggnggna ccacccanat ggggganggg naaannaaaa attttttaan 900
tttttccna aaaacntttg gncccnccat tttttttaaa aatnaaattt tttttccaaa 960
aaaattggtt 970

```

<210> 3873

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3873

```

actgaagctg ccaggcaagt gaggaaccag gagccgtcac tgagtgtggc tgggctacat 60
catagctcat caggagcta cgactttggg tactgaggac agacctggat aggccagca 120
ttcgttctga agatcacagt tcacagaagc ttttgcttcg taaagataat ccaaaggacc 180
tgagaccgc ttttcctttt ccttcattc ccttgagagt cagccataaa cggaatacct 240
gctaggttcc agaatgagc tcacctaaca gacagcaaat gtgtctggtt agatctcagc 300
agagccatt ctgcaagacc tggctgancc agatgagagg gtgggccctg tgctgggggg 360
ccttgggtca cacacaggaa ccaagacctg gcttcacccc ccagtcacc cacttgggtt 420
atctgctgga agttatcgat aggactgtgt ggccaaccaa gtgcttgtga gatcactgac 480
actgcaaaaa caaagcaaac tgctccgggt accaggactt ccttcaacct ggcaanggg 540
gtgcgctgag gcngggcttg cangtganng ggctgtatgc ttcaggaact aactaaaatg 600
catgcanaag gtaagaggca tgatgggagg tgttcaagca cacaatncca tttgggagg 660
tattttgata ctgcgatgan taagggtaan ggccccatgg aatggggcta anggtgggag 720
tgaacactgg ggtgaataaa ttttaaatca attcaggtaa aaaaaaaaaa aaaaaactcg 780
agcctttnaa ctataggggg cgtnnttn 807

```

<210> 3874

<211> 461

<212> DNA

<213> Homo sapiens

<400> 3874

```

tatccatcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cacgaggaga 60
aaagctctca ggtaatctgt atggcttata agggaaacct gcagtccttt ctgaaagggg 120
agctgtgaat atgactgctt tgtagaaaga tgtcttagga ttctgggtga aaatttttaa 180
ttccccctcat gtaggaatgt cacagagtgt acctttttga cttagtattt tcctagtaaa 240
atacaccttt cttaagaaaa tggctacaaa gtcagatgca tgtaaagtct ttcagcaagg 300
gtttattgat catctgcttt aggtctgggt ctatgttagg tgctgtgga ttccattcta 360
gtacctgtgt tctcatagaa ttgaatcctg gtcccccata tgacttttga tgatattcac 420
actgttaatt ccaataaaga cagagtagac aaacagaaac t 461

```

<210> 3875

<211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (833)
 <223> n = A,T,C or G

<400> 3875

cttgggtgaag	ttgatgacct	ccaatagctc	ccagtgtcat	gggtacccag	tacgcattag	60
ctgggtgttg	gttgattgag	acctggggca	gttcctgggg	caagaagcca	gatgggagat	120
gagatagaaa	gtgttaggag	ttatcctctt	tgcttgccct	ttgagaataa	cttactgtgt	180
gactttgggc	aagttccttc	cccactctgg	gcctcagttt	ctcacttggg	aaagcaagga	240
gtttgaccag	atgatcacia	tgggccttcc	tagctctggc	caccaagaat	ttgtgaacat	300
tagagctcct	ggtctggtgg	gtagagccag	agctgctgac	tggctctctc	gcctccagag	360
gggattttatt	ggacctcana	ggtggcaggg	ccctatggag	caccaactgc	cctcaacccc	420
accctgtgcc	caagactggg	aagggattga	tgtcaggctg	tggccatagg	tagcatgagt	480
tgcccaagga	gggacagagc	atatctttgc	tgangcttgg	ctgangggct	tatgatangg	540
cttgcagtac	ctcacaancc	cctgtgggca	caagacaccc	tgagggtttac	ccaggccaaa	600
tatatattgat	tagcagggaa	aaaaaaaaaa	aaaaaaaaac	tcgaaccctn	tanaactata	660
agtgaagtcgt	attacgtaan	atccngacnt	tgaataagaa	tccattgggt	gangttttgg	720
acaaaccnc	aacttnngaa	tgcccggtgn	aaaaaaaaatg	cntttatttg	ggnaaattgg	780
ggaagcctat	tggcttttnt	ttgtaaccat	tttaanctgc	aattaaacan	nta	833

<210> 3876
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (833)
 <223> n = A,T,C or G

<400> 3876

gtttgtgggt	gaatgggttc	acaccagagt	gggatcctct	attgcatgta	ctcgactagc	60
ttttcattct	tatcacactt	cccttcctat	aaagttacgt	atctttttaa	gggaaattta	120
ataccacact	tcgctttctg	tgoggccttg	tgaaaatcag	gcaataacaa	ggacagcctt	180
attgccagtg	tatgaccaga	gcactctagat	ggcactacta	gtggaatgtc	atcttgtcta	240
ccattcattc	attcattcat	gattttctct	accanacagt	tttggaactc	ctagaatggg	300
tcaggtggta	ggcaggcatt	gggaaaacaa	ggttttaagc	cattgtccaa	atcctcaaag	360
aactcaccat	tttggtcgag	gggccatggt	gagaggtgta	tagaacaag	taagaaatgc	420
tgtangagca	gagagagaga	aagaggccca	gagagcacag	tggcagagta	catctcatcc	480
agagaaacag	catcctgcat	cctccagagt	cctgggtcct	tcagtttcat	nccctttctt	540
cttcttccat	ggattatgta	atacattgta	aagggtttta	ttaattaaaa	aattgaaaaa	600
annenaancn	nnnnntnnnn	nnngnnnnnt	tnnnnnnnngn	ngnnnnnnnn	tnnnnnnncc	660
nnnnnnnnnn	tnaanntttt	nnnnntnnnn	aaaaannnaa	aancnaaagg	nnnnnnnnnn	720
ngnnnttnga	cnnngnnna	aantnanaan	nnnnngaaa	aaaaanaaan	nanntnnnaa	780
ttnnnaann	ngnnnnnnnt	nnncnnccn	nnaannnnnn	ggaantnaaa	nan	833

<210> 3877
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

<400> 3877

ccttttnaang	gggntttttt	tttttggggg	tttaaaaaaa	aaaaaatttn	cccnaaaggn	60
ccccntttng	gggggggggg	aaaaattttt	tttttcccc	tttttttccc	cccccttttt	120
tttttttttt	taaaantttt	tttttccccc	aaattttttt	cccccttttt	ttttttaaaa	180
aaaaaaaaaa	aaaaaaattt	tttttnaaaa	tttttttttt	tttaaaaaan	gggggggtta	240
aaggggttta	anccccaatt	tgggttttaa	nggggttttt	nggggggaaa	aaagggaaaa	300
aaacccttta	nccctttaan	ttttnaanaa	aaaaaaaacc	ccaaaaantn	antttaattt	360
gggttngggg	gggggaaaaa	aaaacccttt	ttcccccagg	gccccccctt	tccttggggg	420
gttnaaaaaa	ttnggggtgg	gtgggtccct	tccaaaaaaa	tttttgggnt	tccttggggg	480
aaaaaaagna	aaaanggggg	gggggaaaaa	ggctcctaag	gaaaccgaa	cttttttcaa	540
acctgggccn	attnccatat	acccaatggg	ttaaaaactt	ggattcttat	gacatatcc	600
tatgaaaata	ataaatactg	gccttttcct	tgcagaaagc	ctcagacctg	aatcagagaa	660
aatcatatgc	caaagccaac	tgccagtgtt	agacctcttt	ttncataaag	agtaaaggg	720
aatgctaaca	ctagtgggct	tattgagaaa	atttaaaggg	tgctgtagtg	tttagaactt	780
aggctggaaa	accatatttt	agtgcacat	tttactacat	gatcttccaa	ttagatagct	840
tgtaatctgg	tccttacagc	acttgctgnt	ggtacatgtg	aagattttat	aaattttaag	900
gaaagggtgc	tatgatatat	agtgaaaagt	gtgggaaaag	aatatagaaa	ataatattca	960
cttctnaaac	cattatgata	aaaatatttg	tgtatnggat	taagaataga	aaggggatta	1020
tnggatggta	tctatttcaa	tttctcagnt	tatggttngg	gccttncctt	ttttggaaaag	1080
gtaccctgg	gttattgcct	attggaataa	aatggatatn	aatggggtaa	aaaantnttt	1140
caaaaggnc	cnaaaaatgg	aaaatnccaa	aggaatttcc	cttcnttttg	gacctanttt	1200
taagggnaaa	aga					1213

<210> 3878
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

<400> 3878

tccaccctga	ctcagccttg	gtgcagagtg	agactctgtc	tcaaaaaaaa	aaaaaggaat	60
cagtttggg	cttggcagaa	atcaacataa	gggaatntga	caagaacccc	agtaggtaac	120
cctgagtgt	caagggtccg	gcctgtgggt	ctcttttacg	gcttcatgaa	aaggaccgtg	180
ccctcacngg	aggggggnacc	caccggcttt	gggctttgtg	gggggtctta	aggtgnatgg	240
cttgcccttc	ttttntttca	ntcaaccac	accccaagct	ttttttggct	tgggcacttt	300
nangggggaa	agaagaagcc	ancccaaaat	ggagnaagaa	ttttaaccct	tttttaattc	360
tcccccaacc	ggaagccgaa	aaaatgggtt	ttcccccttg	gttttncaana	agnangggaa	420
agttaacca	ntccccnttt	antgcctttg	gaacctnggg	gggggtttcc	ttttttgggt	480
nggggttgg	tttgggtttt	tttntttttt	caaatttggg	naaatntnct	ggtaattttt	540
aaaaaatgg	ttattgggtc	agccttgga	caccattggg	gnacaacntc	cttgaaaaaa	600
ggtngacttg	ggcccccccc	cccctgtttt	gggcccgtga	agttttccgn	accaccnggn	660
cttnaaaaag	tggtcccttc	ttgctttcgt	ctntttgttt	cncttgcttt	tgtaaaaact	720
ttnggtccca	agcttgaana	cattggcttt	gtaaaaacgt	ngaagagtca	atnccnaang	780
gggggtat	gtcanaaana	acttgnccn	tgccctttan	cogaangcag	tcnaatcntg	840
ccagttggat	ttttcttact	ggnggaatga	caagaaacag	ggattnat	tgcncttgcg	900
ganaattttc	cgggagtgnc	tntttaatat	tttnagacce	gattctttga	catnttantt	960
gactccaaaa	na					972

<210> 3879
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (884)
 <223> n = A,T,C or G

<400> 3879
 gggtaaatatt ttgttttata acagtgattc agtatatctg aattatggat tatatggcca 60
 tagaactaca agcaaaaagg atacacaaac aaattttgta gttaagacaa atctgttgcc 120
 taagatcaag aaatgtaata gatggaggcc atgtagaggt tagaaattca aagaaatcga 180
 ggtcaaaaac tggccaatca taacggcata gggattagtt cctaaatttg gtcacttgag 240
 aataacagtg tgaatagagt ggagtggaag atgtgactgg tgttgtttct aaaaatgtag 300
 aattgtcctc ttagttgggg tctaggtagt ttttgagagg tgaatataga cactaacttt 360
 ttgttttaca actgaaatca aattgattgg taatttgcaa caaaatattt tttgaccccn 420
 ccatttatat cttaccatgt atattatttt cactnggntg ataaagccta tgactacctc 480
 gtcagaatac atcatttgct aataaattag ggtttactgg tactgntgga aataaccogt 540
 ggcattctac cctccgagaa tcctgttcag gtggctgcac cttttcaaaa tccantgggc 600
 gtttgggccat ttgnaancct tgtntttttt ccgggggaaa ccaccanggg tcaagtttan 660
 ttanggcctt ggcccagtta aggcctggac cgtnttttcc ccaattttgc ttgnttttgg 720
 aaatggaatn gggttttcat ttaattnaaa gaaanttgtc tgttttgggg ccccatgggt 780
 gtggaaaaag naattcnntg aaattgggcc ggttttgaat tantttttaa tcnttantcc 840
 ttaagaaaaa aaattttnga anccntttng ggggccttgg tccn 884

<210> 3880
 <211> 998
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (998)
 <223> n = A,T,C or G

<400> 3880
 aanaaaatta angngaance tttaaaantt gggcccttgg gancccaatt tnacccaatt 60
 ttttaanccc cccaatttgg gaaattttaa aaggggttnc aaaggaaaaa atttancctt 120
 tggggggaaa ngggggccca aaaaaaaaaa aggggaaaaa ggaacccttc ctttgggttt 180
 anggnttncc tttttccccc aaggggggga aggggggggg gggggggaaa aaaaatttgg 240
 gttccaaccc aaggggaacc anggggggaa tccaagggg gaagggttcc aatttgggaa 300
 ttgggaaccc cttccaaggc ccaaggccca ctttttcttt gggggaaaag gccccaaaaa 360
 cccaaatttg aaggggcca ggtttttttt ttttcaaaaa ggggtattga aaaagaaaaa 420
 aataaattac ttggatgcca gccttttctt ttttaaccaa acaatgaatg aagtgtgaag 480
 atggaatcaa gataagttca gaaatgcatg actttaatac atgctaatag tggagatggt 540
 gcttaaaacta aaaacagaag tcatgtgatc caggacgcac aatcctctgg ctgatggtag 600
 aatttgatct gaaataggag acatgctgtg aaaccagtct aggatggaac agatcaggag 660
 ggttctggtg agagtcttct tcaagaagat gatccgcaga ataccattt gaatgtggtg 720
 aaaggagtta taaacagctg agagaataaa tctaactcag gggaaataga agtggtaatg 780
 tatgataagg tcaacttgaa tatgatatat ataactatgt tatgtaacat tgaatattga 840
 tctacccaaa ttatagtgat cttgagaaaa gaatagagat tctacagagt taatttctct 900
 tctttgggga agtctcngat actctaaacc aaaatcatga tatgtngacc tgtcagaata 960
 tgccaaagat actaatgntg agtgtgcatg gaatactg 998

<210> 3881
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 3881
 tgtccctaaa acttaagtta ataaaaaata ataaataaat aaaaataaaa aaataaaaaac 60
 acattntaaa gggggcaatc cagatggcca gtaaaccatt gtaatagcca gaaattggaa 120
 acatatattc attgacaaca ttttaagatta taatatagtc atataatagt cctgatataa 180
 caatggaaat aaattacagc tacacacaac ataatggata agtcttaaaa agccacatgt 240
 acagaatata taccatgtga ttctacttct gtgaagtcaa gaacagacaa aactgaaata 300
 ctcatgtaag gatgcacact aaggtagtaa aactataaag cagagcaaga gagttattac 360
 tataaaaagct ctgtcgaggg acaggagttg caattaggaa tatacaggga attctgtggt 420
 gctgagagga tttgttgatc tgggtgatgg ttaccangt gtttattcac ttgcaaagt 480
 attaagttgt atatatgttt tacttaagtg gtatatattca tagtttttaa aggttttaaa 540
 aatntagaga atacagcctg ggcatggtgg ctaacacctg taatcccaca ctttgggaagg 600
 ccaagacagg aggcagagtt caggagttca agaaccgnc tgggcaacatg gcaaaaccct 660
 catcttntgc aaaaattttt ttaaaaaatt taaccccggc ctgggggggca tgtgcttttg 720
 natagtnccc agncccttg ggaagcttaa ggtngggagg atnaccttta acccccgagg 780
 gccaaaggtt gcantggatc ccccaatgga tgccncttct 820

<210> 3882
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (833)
 <223> n = A,T,C or G

<400> 3882
 catttatatg agcaaacc aa gttttacata acatgctttt ggtatgtatt atgacttttt 60
 acattttctac ttggatttcc tottcagatc tcagtttcca caaatctgca tccaggttca 120
 gggcctctga ttctgcacaa atcatatgag ccaagtggat tgattactag acagatcaga 180
 tccttcccca gctaataact ctgccttctg attccagtc tcaaaataaa ttgcagcctg 240
 ccattttctt tatgttttat aaggaggagg tgaccacctt ttgtcagttt gcttagtttc 300
 ctattctttg ggctcatctc ccattctttt tgggtagtct tgctaggagt ggttgggaac 360
 tctgaagccc cattttccca agttgctgag agctatcaga cttttagctg caggctaaga 420
 gctctgttgc aggcctagtg attggcatta aaagttaggg cangaaatct gtccatcc 480
 tcaaatgaga ccaacagata tgtattaaag tggagctgga gtttgtcctt ccacccgaga 540
 ctaccaaggg cttttgatgc ttaatgggaa tgtgtgtcta acttgcctt ctgacattta 600
 gcccgatgaa aataaaatat tntatctgtt taagtcnttt ccnaanaaaa ananncaatn 660
 ttntnnnnn cnngngngaan ggagnnnnng ggtntnnnt nctannncnn gnnnnnnnnn 720
 cnanncenn nggcnccecg nnnccnnnt nnnnttgnnt ttaanaaagn cncnattgg 780
 nttnnnnnn nnnnnnnng gnnanannnn nccccngg cennntnggg nan 833

<210> 3883
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 3883

ggacctggct	gctgtctctg	acaggtacct	gtcatctgcc	caccatgggc	ttctgggacc	60
tgctgtagcc	cctgccaccc	actgctgcag	acccacccac	tctcagctta	gctcaaaagc	120
tgttctctaa	ctcattnctg	acnaatagct	gnangngttn	ccatgantng	cnnttnatnc	180
aactctggna	aagagggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnnnttc	acantggttt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatgnngn	natttgcaga	gctngtnncc	gaatatcggg	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttggnatat	nggccanntt	ttaatntngc	420
caaccnatat	acnttgncaa	agccttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcgngacttn	gtttnaatan	nccaanggan	540
ataatgggna	attttaaang	annntccctt	tngtganana	antccaaggc	tccattgttc	600
tgcccngttt	tttncnatnt	ngtatcccaa	aatgttgtgn	anncttttaa	naaaccaant	660
ggggaaattn	gaaccncctt	ttccanctct	tggtgaatat	tnttnnantg	gtttaaaatc	720
ccanttctta	aatcnnaaat	ancccttggg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaaa	naagggggna	caatagtttg	aaagggnggt	tttttcnant	tnaatttgga	840
aaggtntntn	tanggcaacc	cct				863

<210> 3884
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(904)
 <223> n = A,T,C or G

<400> 3884

taggncgttt	gtatncaaat	ggtggtaggc	ccggcctatc	cactgncaca	aagcgggcaa	60
tggccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtaaaag	120
ggcatcaggg	gctggaggat	aaaatgatta	tgataaccca	ntggtggatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaac	300
agaagaaaaa	gaccttatcc	attntctgtg	ctgggtggtat	agggtagatt	cataaaaaag	360
aaggcaaaat	atttcaaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgtctg	480
ctggttggtga	gtgctancta	ttggttgagt	gctttgttgt	tgagtgtctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttggttggt	tgantgctaa	ctgggtggtg	aatgccttgg	600
ttggttggaat	gcctaacctg	gttggttgan	tggaattggt	tggttgaagt	tgcccttaacc	660
ttggttgggt	tggaatggcc	taanccttgg	ttgggttgga	aangcctttg	gtttgggttg	720
naaatnggcc	ttaanccttg	gttttggttg	gaaatggcct	ttggtccctt	tgccccctng	780
ggggccccct	gggttttttt	ttaaagcccc	ttttgggatg	ggtacccaan	tttttccctn	840
cccanttttt	aaaccctttt	cccccccaaa	ataaaacccc	cccttatntt	aangggggccc	900
ggcn						904

<210> 3885
 <211> 911
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(911)
 <223> n = A,T,C or G

<400> 3885

```

atatccacgt ctcagtcggt ggatgggtaa tgggatgccc gcttccccta ctccagatga      60
ttgatgaaga aatggagggtg tatggagatg aggtgacttg cccaggatca gagctttaag      120
tgacagaggc aatattggaa ctgagggtttc cctcattcaa aagccagtgg tgcttgtttg      180
cactgccaca ctggagcaga ctaactgaga ccgctcttga tgggtccttt tctacgagag      240
gctttgcctg ccacctgcca gcatcagggtg atcagaagat gtggtatgaa gaccattcag      300
cccgggcgca gtggctcatg cctgtaatcc tagcactttg ggaggccagg gcgggtggat      360
cacgagggtc ggagatcgag accatcctgg ctaacacggt gaaaccctgt cttctattta      420
aaaaaaaaaa caaaaaacca aatactcagg gaaatagccc ttcagnttnc ttcacccact      480
tcagaaaaaa tagggaaaag gaaaagaaca gggattggga aaaaggaaaa aaagnaaaaa      540
nggganggga tccgctttta agcccttang gaggttttta aagaattaag ttcttggggg      600
ccaaatanta agtnggagga anccctggg ccttctttan ttttaaaaaa annnnnnnnn      660
nnnnnnnnnn nnnnnnnncc tttcgaagcc cttttttaaa aaacttttta gggggggggtc      720
cgtantttac cgtngaatt ccccgnaoct tggntaagga tncnttggt tgaagttnng      780
gaccaanccc caacttgaat gccgtggaaa aaaaatcntt atttgngnaa attgggagct      840
nttgcttttt tagnaacctt ttagntgcat taacaagtta ccaccaccat tgcttcnttt      900
ntgtaggtc g                                     911

```

<210> 3886
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3886

```

tcacctctct cccaagaaa aacatgtnaa atgcnagact gtgtgctctt aatgacatct      60
atattaaggg atctgaantn tccatcataa atgaacatgg tacttaccaa atatcttctg      120
ataantcatt cagtgtctcag gntctatgtt tnttctcctg tccaagagtg aacaaactac      180
acatnaccaa aatattgtaa ggctaagnaa taataacggt gactgnnaaa atgggaaatg      240
agatagcgtc aaacgtttgt gacaaataaa agcagtcacn gtaaactctg gntcttncan      300
ccccatnaat gatgactttg tncccaactt gnattcccaa cngcatcnca aanagtaaaa      360
ngagtcacat ggganataaa acatcatttt tatcacaagc ttataacggg tnatTTTTTT      420
ctgactntgn gttggagggt aanngggctt gctnatattg catgcagcan ngaacttacc      480
cgncatatgg atgcctccct ctatgctagt ggtcctcncc tttatggccc anggatcana      540
ntcatggaaa gacagggtatc cctgngggaa ggtttnggga tgaaantggt tcaccttaaa      600
tcatcaggca ttaaaattct cataaggcat gtgcaancta aatctnttna catgtgcagt      660
tnacaaggaa nggggtggca ctctctctga aaaatctaag gcctccctgg tctgccagga      720
aggtacaact tggnttggga angnttgntt tggtcncngg tccacatcct ggtgngccgg      780
ngnggntncc canaaggccn ccggtcgtgn ncnaattan                                     819

```

<210> 3887
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)

<223> n = A,T,C or G

<400> 3887

```

gaactgaaag atgatgcaca atcagtagaa actctgggaa agccaaaagc gaaacgaatc      60
aggacgtcaa aaacaaaaca agcaagcaaa aacacagaaa aagaaagtgc ttggtcacct      120
cctcccatag aaattcggct gatttcccc ttggctagcc cagctgacgg agtcaagagc      180
aaaccaagaa aaactacaga agtgacagga acaggtcttg gaaggaacag aaagaaactg      240
tcttctatc caaagcaaat ttacgcaga aaaatgctgt aatttcttgg gaagatttta      300
atgtacacct atttgtaaag tcatcagaat agtgtggatt attaaatata tagtttgga      360
gaaaataatt tatataaatt attgnaaatt tttatgtaaa cagaangtct tcaataagta      420
aagtaactcc atatggagtg attgtttcag tccaggcaat ttttctattt tatattaaga      480
cttcatacat ttatatatgt aaatatggct tattaatgga atgttaaata aaatgtatac      540
ttcaaaaaaa aaaaaaaaaa aaaaaactcg agcctntaaa actatagtga gtcgttttcc      600
gtagatccaa ctgataagat acattgatga gtttgacaa ccacactnga atgcagtga      660
aaaaagctta ttngaattg tgatgctatg cttattggac catttagctg cataaacagt      720
tacacacatg cttcnttatg tcagtcaggg gngggggagg ttttatccgc c          771

```

<210> 3888

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1232)

<223> n = A,T,C or G

<400> 3888

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gatttgaatt cnatacanct acttgttctt tttgcaggat cccatcgatt cgcccagggga      60
atgctggctt cctcctattg ctattccttg cctttcctaa tgccttgaat cagtgcattc      120
attcattngt tcatttcaat cangaaatat ctgttttagca caaacatatg atattttattt      180
atctaaagtg ggaaaaagaa atattnggna tntcttcaag tggnttgggt nncctggctt      240
ccctggagga atttttaaaa aaccgatnnc caaaccattt tttttttcca ccnagnccaa      300
gggttttggg nttggcatta ttggttattn caaaaaaagg gttcncctta aaaaggaacc      360
accaaccccc tttttttaac cccccggttc caaaattttc ctttacnaag ggtccoggaan      420
gtaccaattt nttttttcct tnaaaaaaaaa naaaaaanaa aaagggaaaa ttgggtgggt      480
tttaaccana ccaattgggt ttttaagtaa aaaaaatttt ttttaanccc ccancocaaa      540
aaagngttgg gttggnccca nttcccccca naaanggggg ggggnanattt ttttttnaaa      600
aanttttttt tnnnnnnnnn nngggggggg ggggggcaaa aaaaaatttt gggggaaaaa      660
aaccaanggg ggccanaaaa atgggggttc ntnaaaaat ttaancccc nggggggggg      720
ggaaaccccc caatttgga aatttanttt caaaaacgtt caaaaaaaaa tttaaaattg      780
gngggtnaaa ttaaaccctt ttttngggga aatngggggg ccntttaaaa aaaattaaac      840
ccttttaaac cttnnggngg aatttcccaa nttttaaaaa attancccca attttngggg      900
naaaatttgg gggnaanttt tgggaaccct taantttttt ttnttttttg gaanccattt      960
gggcccgnaa aaaaaaaata atttttccca aaaaaacca anttaacca gggctttttt      1020
ttaaaaaaaa aaattggggg gccnttnttg gaaaaacca aantnggttg ggctancccn      1080
gggttggccc acccancccc aaangggggg ccccttnggg ggggtttttt ttcttnaaaa      1140
ngggnaaaaa atcctttttt ggagggccaa anccggggga ancccaaaaa anaaagggtt      1200
cccnacntt taccaagggn nnaattgtgn tt          1232

```

<210> 3889

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3889
 gagcctgatg cagcttgtct gtctgatgct tttgttcccc atccacgtcc cccccagtgc 60
 tgaagctgtt tcgtgtgtcc ttacagtgtt tcctctgcac ttccacttgt gggtgataag 120
 tggcaggggg acaataaata gagttgatga aagatgggct tgggcagcag tgggcccag 180
 tgaggcagaa atgagaaaag gactcctggg gcagaggtgg agtgacaaag ccttgagcac 240
 gaggggtgtga aatgtgaact tgggtgctgac ctctattggg cagccggggc accacggagg 300
 tggatgtggg gtcagtgaga ccagtgaagta attttagcag agatacttta gggatgactt 360
 ggggagggca gcangctttt ttaaaatata tatacttccc aaaataacat tgcttcagag 420
 tagtttcccta actgccctgg gacaggcctg agatcctgtc ccagggtact tggggggcac 480
 atcctgtctt agggagaggt attcacctnc ccattcccat cccagtcctt ggctgctttt 540
 cctaaatgca tcatttatcc cccacattgc cccattctaa cccatatcac ctcttttagag 600
 atacctncc cttcattgag ggagcatncc tnttataacc attaacttcc atattctggc 660
 tgggtttctt ttaaaagcac ttgtgnaaaa ttnggaagt antttaattt gggtaaaacc 720
 ttcattggcc tcttttccct ccatttaaaa agngaacct nccttgaaaa acaaggggac 780
 ccggggggga ntctaantant aattcacctc ttggattccc ttaancccc taaac 835

<210> 3890
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3890
 tgtgatgaaa agtgaagctg ataagggtat agtggtgact taggggtgctg atttagagtt 60
 nggtcagaga aagtctttct tgaggagctg tgtgaggggt tgttcctatc taaaggcnca 120
 gaggagattc aggccattg aagatgagaa aacnctcctg gacnacnttc ccactttttt 180
 tgtaggacac tgttttgtna aaatttacat atatggctaa atagtctgaa actatggntt 240
 cantggaanc aaccggtatg tgcccatgga agagttttcc caggaaaaga aaataattca 300
 ttacagnntt nctggcnctc tgaaaaggga ccaggagctg ggaactgctg aaggctaagc 360
 tgctgctatc tgtggntca aatggagagc cgctatgaaa atgctgcttg caaggggcac 420
 attatataat tctatggggg gatatcccta attttagaat ggaatgaacc taaactcttt 480
 tctggantat gtttttggat ttagcccca aaaatgcctg gggangngng anggaccccc 540
 ttaacttacn agcccatgtg gcntggttct ttggggcatt tggccngcca gaaganggaa 600
 ccagcccctt tttaccttc atctgaacct gggntggcct tttttttta aaggnaaat 660
 nnnnnngnna naaannnnna aaaccttggg nccttttana actttagnng ngtcctgntt 720
 tncgtaanat nccacacttg gataagnntn cctttgatgg aggtttgggn ccaaaccctt 780
 cccttggnaa tgccngtggn aaaaaaang cctttntttg ggggnaaatt tggggangcc 840
 ttttggtttt attttgggaa ccntttntta ggctggccan 880

<210> 3891
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 3891

tcatagtcta	aaactatcac	gtctgagttg	ccttaggatg	acagtgctga	cacccagtag	60
gaagtatccc	atttttatca	ggaaagtcag	tcacgcgtag	ggatgggtgag	gagacgcgta	120
tggatggtga	ggaggggaga	ggaggggagac	ctgctggtgc	ccttgaccca	gggtgaggcc	180
tgactcaogc	tgtttccccc	cacaggccct	gctntgcttg	cctgcttttt	ccagaatcga	240
ttttgcaagc	ttcaagattc	tgttccccctc	ttcgacacaag	tgaggaaggc	aaatactcag	300
ggtttgaang	gagacctgcc	ggcctgaggg	ctggcaaatg	tgagggcagg	acacctggga	360
tggactcgta	ggctgaccca	ggcccaaagg	gggctgcctg	ttcccaactc	tttactctg	420
taaccatttt	taaaatgagt	ttttgaatct	tgcctcaaatt	tgacctactt	ggataaaaatc	480
agtgtttttc	ctaacttgat	tttgtttgac	gtggttccct	ctaagaaaat	ggtaggaatt	540
gaaactattt	gnatatgttg	aaattttag	gggttcanga	cccatggcag	aaacacttaa	600
actatttatt	tacagtatga	ctattttttt	tcaaagtnng	caattctttt	gtatatttta	660
aggcaaataa	tcactttacc	ttttggtgcc	ttncatgcgt	cgcantaagc	actcttgtca	720
atcatggnaa	ttgggaaaaa	aagatgtcca	tttagttaaa	caagaaaaca	ctattttcta	780
ncatgaattt	agaatggggn	ccttttaa				808

<210> 3892

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 3892

gaatgtcttt	gcttgaacac	cccagtcac	accttcgtgg	ggcatgatga	tgtggtcctg	60
gagttccagt	ggaggaagca	gaaggaaggt	gagtgggaga	ggcctgctgc	ccactttcct	120
tctgagctct	ggtgacagcg	gtgccagtca	gtgttgccat	ggagtccagt	aaagaagaca	180
tagagagagc	tgggcttttag	gaaccagaga	gccagggctg	ttgccacctt	tcgtcatang	240
tgagtaaagg	gactatatag	gctgctgtta	ctcttccaaa	ttctgtcctc	ttccacaatt	300
gtcagcgtag	tctctcttgc	ttggaagaga	tatgctccag	taagagacgg	aagatagaga	360
tttgctgttg	gattgtttct	gggactgaaa	gactctgggc	tcacaagtcc	agggcatttg	420
ccccttgcca	ctctgttgat	ganggagacc	caaggtggtc	tttagtactg	cctactacat	480
accctcagtt	gtcttcacaa	gcatgtagtg	ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	540
ctcgagcctc	taaactatat	gagtcgtatt	acgtagatcc	ngacatgata	agatacattg	600
atgagtttgg	gacaaaccac	aactagaatg	cagtggaaaa	aaanctttat	ttngnaaaat	660
tggggatgct	attgctttat	ttgtaaccat	tataagcctg	caataaacia	gttaaccacc	720
accaattgcc	ttcatttttt	tgtttcangt	tcagggggga	ngggngggga	ggttttttta	780
ttcngggccg	gggggccccat	gcatttgggc	cccg			814

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 3893

taaactttat	tctttttgtt	atcgtttgtc	ctctggtagt	gatcagtggt	cagtctttga	60
aaagaaagga	cctatgaact	caacttttagt	tacagcaaag	aaatgagtag	gagacggagg	120
gaatggccag	cagccattga	agagggagag	caggctgggc	ccaaggggga	cccagtattg	180

```

gcagaaagga aagctcaggg tgtcaagtgg gcttgagaag ggatcatctg gctgaacaag      240
agagggtccac atgtagctct cagcacacac ttgtgcattc cagcttcagc atttgctcac      300
acgagttccc cgcctaaaat gcttgacatt ctccctctct acttaactca tgtaataaat      360
ttttactgaa tgctgtaag tgccagcttt ctgaacagag ttggtcacag ataaagggtg      420
gtttagtagt cattaaaatg gtcagggtatt tgactggatc tccagtcgga aaaaaaaaaa      480
aaaaaaaaactc gagcctntaa actatagtga gtogtattac cttnnatccag acatgataag      540
atcattgatg agtttggtcaa accacaacta gaatgcagtg aaaaaaatgc tttattttgtg      600
aaatttggtg tgctattgct ttatttgtaa ccattntntaa gctgcaataa acaagttaca      660
accaaccaat tgcnttcatt tttntgtttc aagtttcagg ggggangtgg tngggaagggt      720
ttttttaatt tcncggggccg cggcccccac tgccnttggtg ccccgggacc ccacnttttt      780
gttcctttta ntgagggtta attgccccct tggnggtaaa catgg      825

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<210> 3894
<211> 836
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (836)
<223> n = A,T,C or G

```

```

<400> 3894
gccatcctac attccagtga gggttgctga aaaaatccta tttgttgagg aatctgncca      60
gangtttgag aatcaganng tgaacctgnc tntanangga tccattttgc aaaaccanga      120
anacacttta tgctgcacta gctgcacagt cctcangcag nanccactct tcagctaagg      180
tggaactactg aacaggtggc ggatcgcat angcagcact gtggctgagc atctntngaa      240
ncnnatgggtg gancaancnn nttactggg tnnncngaag accatnnnat acnttnacct      300
nttgggacca tganaactgt ttccagcccc tantgacgca gcgaaacaca tgtatgaaaa      360
caccanccac tggtagtact gatcatgat tgaagtgtgg cctntctaca gttaacngcn      420
cgggtgatatt gctatgatga tgacaccttc ttctctgtgt gncttgacgn gcgnccntac      480
ggcaaggagc gcaatatatg tantcaagcg ngagaagggc cttcncctggn aacttntacn      540
cgnaagcccc tgntatggct gggnggccct aagtctttnc tacaangtac aggaggcccc      600
ttcataaaac tcttcacccc acatggncct gnaaaagnac aaagtggntg ttaagnctct      660
aacttgatgt gcgnccgggn gcannctgag ctgacaggac ttgctggggc ttnaaaangc      720
cngggcnagg aanttnaagc tngaannana aatgangcca atcnanttgg gncnnaance      780
aaatcanctg ggggtttttg gngganaaaa tcccnggact ntttnccggg gttttt      836

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```

<210> 3895
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (767)
<223> n = A,T,C or G

```

```

<400> 3895
tgaagacact gaccttgtcc cgctacatct gcgagatgac cctgcaggaa taccactatg      60
tccaggagaa ggcttccaag ctagtctgtg cctccttact cctggccctc tacatgaaga      120
actcgggatac tgggttccct tcttgacat tacagtggct acagtatctc tgagcttcac      180
cccttggtca gacagctgaa caaactgctg actttcagtt cttacgatag tctcaaggct      240
gtgtattaca agtattctca cccggctctc tttgaagtgc ccaaaatccc tgccttggat      300
atgttgaagc tggaggagat tttgaactgt gattgtgagg ctcagggcct ggtactctag      360
cagcagccac agggctaagc atgcatgtta acagggtata tttattctat gntcgaattt      420

```

```

gcttttgatc gcttttattc atttttccctt tctttgnctt ttcccaaact gataatgnta      480
taaataattta tggtgcttgg ttttatgaaa gaaaaaatat tgnecatattt gactacaaat      540
ttaataaaaa aattaatggg tattggtaaa aaaaaaaaaa aaaaaaaact cgagcctcta      600
aactatagtg agtcgattcg tagatcngac atgatagana catgatgagt tngacaaccn      660
cactagaagc cggnaaaaaa gcttattggg aaattgggat gctatgctta ttgnaccatt      720
taactgcata acaatacaca catgctcttt ttgttaggtc ngggngg      767

```

```

<210> 3896
<211> 961
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (961)
<223> n = A,T,C or G

```

```

<400> 3896
ggagatgaag gttggcagca nctgggtcatg aangtggttaa caaggggcoct tcaactgggct      60
gngegganct nctgaagatg tttgcncaag agaaggggtn ggcoctgggtac acatnaaaac      120
tcctgggacc tcggaggtga tcgagcctaa ccngggggcca tnntacagat atgaagactg      180
agatgaagac aggagaaggg ncatgctgng aagtccatan actgggcoctg gctcctgggg      240
taaactaatg ggnacaaann tctgangatt cctgcntana ccacnaaatg gacaggggna      300
aggcccntga tggtnagecc atgcctgaca etgacnantt nacagnccaa gaacacagng      360
atgaagaata aaaagtggta caatcggntt cacttggtgcc accaggatac tttcaatgat      420
tgcnttctctg tnccacaaan ttcttttant cttggggcggc gacncaantg anggannggg      480
gaacttatnc atggacgccc cctttttctt cgantgggan ggaccacttg aaaacttcat      540
ggaaaggccc anaggtttac attggccccc cattgnacct tgagcccnaa gcttgggnaa      600
tcaggaacec ttngggaaat ttggggccnc cttggngggg cttgaccccc ccataanaag      660
gttccaagnt gggcccccct gccttanggg atnaaaagccc gttttaaaccc aacaatttan      720
gggggttaaag ggttggccct ttttcatngc cccccccntt naagngtaaa aanaaanggg      780
ggnacccttn tanaaacnc catngggaaa aaaaaaactg nggggccttg gggnccccct      840
ttggggaatg ncnccagnag aaatnccna ggggccttna aaaccttttt cctnggggcc      900
aataanocn aaantttgct ttnttttaaa aaanattcc ntggaacann ggggggaaaa      960
n

```

```

<210> 3897
<211> 832
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (832)
<223> n = A,T,C or G

```

```

<400> 3897
gtttgcangc tcatggagga agcagcaggg aaaacctggc gctgcaaaat gtgcaggctc      60
gaatacggat ggtcctcgcc tatctgtttg ctcaagttgag cctctgggtc cggggtgtcc      120
acggtgggct cctcgtgctg ggatccgcca acgtggatga gagtctcctg ggctacctga      180
ccaagtacga ctgctccagt gcggacatca accccatagg cgggatcagc aagacggacc      240
tcagggcctt cgtccagttc tgcacccagc gcttccagct tcctgccttg cagagcatnc      300
tggttgccgc ggccaccgca nagctggagc ccttggtgta tggacaggtg tcccagaccg      360
acgaggaaga tatggggatg acatatgcgg agctctcggt ctatgggaaa ctcangaagg      420
tggccaagat ggggccttac agcatgttct gaaaactcct cggcatgttg agacacatct      480
tgcaccccga gacangtcgc ttgacaaagt gaagcggttt ttctccaagt acttccatga      540

```

acagacacaa	gatgaccacg	ctnacacccg	cgtaccacgc	cgagaactac	agcccttgag	600
gacaacaggt	ttgatcttgn	gaccatthtt	tgtcaacaca	aagctggcct	tggcaagttt	660
cgggtgcatan	aaaaatnaag	tgctacaagc	ttcgagccct	ntanaactat	agtgagtcgt	720
nttacgtnga	tcncacntt	gataagaatn	catttggtga	gtttnggnca	aaccnccact	780
tggaatgccg	tggaaaaaaa	gcttttnttt	tgtgaaaatt	ggggaaggct	nt	832

<210> 3898

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3898

cttaatgtta	tcactcattg	aaaagtttct	tttaaaatta	tatatatggc	ccaatcttga	60
actatcttat	tttgggaagg	tttatctatt	tttaatttat	gtcctcccgc	ctttctcata	120
cccagctcca	caagaaaata	cagatctgca	gaaaatgatt	tgaatgccta	ctttctcact	180
cgtccaagga	tgatgctgca	tagctagtac	cactctagat	gcttgggaaga	aaagttaatt	240
caatcaacag	atagtgcatt	agagtthaat	tcttttatag	aactccattt	gagaggggct	300
cttaaaaatt	aagagcatgc	ataccaaaag	ataataaaaa	aaattaagaa	caaagatgta	360
atggcttact	gcatgagata	gaaaacaccc	atatattgaa	aattgagtct	ttagggctag	420
tttttatatt	atthtatata	tatatatata	tatatatata	tatttttttt	ttttgagaca	480
gagtctcact	ctgtttccca	gactggagtg	caatggcatg	atctcggctc	acggcagcct	540
ctgcctnctg	gcttcaatca	gttctcatgc	ctgtagtccc	actgctcang	aggctgaggt	600
gggaggatca	cctgaatgag	ccttgggang	ncaangctgc	aatgaaccat	gaacacacca	660
ctggactnta	acctgggcaa	aaanantgag	aaaccctgtt	caaaaaagaa	aaaaaatctg	720
gaataaccta	ttgggccttt	tggttaattn	nnaaangnnn	nnnnnnnnnn	nnnnnannnn	780
gnnnnnnnnn	ngnnnaaaann	nnnnnnnnna	naaaaaaccn	n		821

<210> 3899

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3899

agttttaact	tgaacccctt	cagtcaggat	gaacataaag	ctctcaagtt	cttgaaagga	60
tgagacacaa	gaataagatg	gggtaccagt	gaccagctcc	tctacctggg	gtcatggagg	120
accgaagacc	ctccaacctt	gatgcctgta	aggacaggcg	ctoctgtaag	ggatcagggtg	180
taaagaatct	ggccatagct	cctgtacaaa	gcctctttgt	ctgaagtact	tggtgtgtct	240
ttgacggcag	gagggaaacac	aacctgtcgg	tggtgtgtgg	acctcaccac	gggggctcag	300
tggacataag	atctattgac	aggccctggc	agtcaccant	gggtgtgtgt	ggcantggct	360
gtgggggtgtg	agaatgactg	caacaggcac	ttctcaacaa	tgacctgctg	ttcacatggg	420
ccctgagcan	ggaggaaggg	agagggacaa	tggaagcttt	gttccagcat	tcctcttana	480
aaggggagag	acaatttcan	gcagggtgtna	tggaattgga	ataaaagcag	gangctcaan	540
gggtgggttt	cttgagtaaa	aggacaaaaa	tcgtgggtgc	ttttgtnggt	tcaaccacaa	600
ccctttcatt	gggccagaca	ccccacattt	ttttcccta	ctggncttcc	atthttttgcc	660
cccttttttt	ncctaccttg	ccttnccaaa	aaaataagaa	tgcttgcttt	attaaaccca	720
ttttgggggg	cttgcttctt	ttgggtcaag	gaaggggtgn	ttgcaaaaaa	tnccttcnc	780

ccangggatt naaatgaaat nggggtgttc cccctggag ccttnttaac aaccttttta 840
 acccaggtgt tcaaaaaaat ttntttcccc cccccnccn t 881

<210> 3900
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (812)
 <223> n = A,T,C or G

<400> 3900
 ctctgcagtc tcttaagcag attgactatg atgcatgtca cataaaacag ttttctttct 60
 gttctattgt ggagtttttc tggggtgga gaacattctt ttgttatttc caaacactgt 120
 ctataattac canacatgat ataaacacat aagggtgccaa ctggaattta ctctagaggg 180
 gactttccct ctcagacttc cagtcaactc acacttgtgc aacaaagtgc atgctgtccc 240
 ctaaatatgc aagcagaact gtgtttctgc ctatttggtg tctatagtcc tctacagtca 300
 cttctanaga gactaaacca aatttctacc aacttcacag ggcaacaatc aatagtttta 360
 tctcaatgac tcttgatctc tcagacctta aactgattca nagaccatgg ggcccacaaa 420
 cctaatacaga gtaacgtttt cattgagtac acattcanac atgagaatct tcacttttnc 480
 cttttttctc ttggtaaaat gttcacaaat gtgcaggtaa cacctgctgc tactccagcc 540
 attcngggcc taaatctgca gctctacatt ttgtatctag gtcttgagaa ttgggaaata 600
 gaaaattttt atctaaaaat gcaggctcct ttgggtatca aactcagaca ttgaaatgaa 660
 agtgcagnta cccctttctc ctcccttgna atatgnattc atctcttgga aactggtcac 720
 tattggccnc aagtagatgt atattnaact ggttatancc acattggaca ctgggttttca 780
 taccctnaac cctaaaggaa tatggcccaa ca 812

<210> 3901
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (815)
 <223> n = A,T,C or G

<400> 3901
 acttttatatg gattctctaa ttttaattctt caaaatgcta tctaatgtct cattaagact 60
 tgcataataat gtatcttaag tacagtcatt aaatatagtt tagggagatt tatgttcaga 120
 tattgcttaa agatgtttta ataggcccat ttactctgat gatattaatg agctcttaat 180
 acagactaag cttctaaaac tagtggtaaa gactcccagc ctgaacacaa caacttggaa 240
 ttaatgcctg ntttggacag atgcctgagg gtgagtcctg cacacactcg agggctcancg 300
 cgagccccctt gctggatgga gccttgtttc anaaaggggc ctctgtaac gggctctggc 360
 tgctgactcc agagcaccca ttcttcggcc agcctgagta ctgtcttttt tctcccccaa 420
 actgtgcaca ggacatgtgc taactaggcc gaagtacctc tccaagggtta tttgagaagc 480
 gctgatagcc ttggcggtgg cactgnggcc tgtgaggggt taaaggangc tgttgctgaa 540
 attncgtgga agcatctgcc aagtaagggtg tgcacagact ggcacgtta cntgaaacaa 600
 gcntncctnt gncaccaagt gaactgnaaa anggcacatg ggtgtgcttt catcttttan 660
 gcattcatcc tancttgaaa tacatgtaat aaangngncc tgcttatttc aacntcggaa 720
 ccnaaanaa angcnnaaa aancctcgan cttttaaacc tttntgagt ttttttctnt 780
 aatccaaac ttgataagaa acattngtgg agttn 815

<210> 3902

<211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 3902

ccaaactaga	agctgtcagt	gacaataact	tggaattagt	caatgaaatt	cttgaagaca	60
tcactcctct	aataaatgtg	gatgaaaatg	tggcagaatt	ggttggtata	ctcaaagaac	120
ctcacttcca	gtcactgttg	gaggcccatg	atattgtggc	atcaaagtgt	tatgattcac	180
ctccatcaag	cccagaaatg	aataattctt	ctatcaataa	tcagttatta	ccagtagatg	240
ccattcgtat	tcttgggtatt	cacaaaagag	ctgggggaacc	actgggtgtg	acatttaggg	300
ttgaaaataa	tgatctggta	attgcccgaa	tctccatgg	gggaatgata	gatcgacaag	360
gtctacttca	tgtgggagat	ataattaaag	aagtcaatgg	ccatgagggt	ggaaataatc	420
caaaggaatt	acaagaatta	ctgaaaaata	ttagtggaag	tgtcaccccta	aaaatcttac	480
caagttatag	agatccatta	ctcctcacag	gtatttgtga	agtgtcattt	tgattatnat	540
ccatacaatg	gccaccta	ccttgcaaag	aagcaggatt	gnagttttnc	aaaaggagag	600
atcttcanat	tgtaaaatag	agaagatncc	aaatggnggg	caggcttncc	catgttaaaa	660
aaaggangga	aaccnctggt	cttcnttnca	agccaattnc	tgggaanaaa	aaaaaaangg	720
cttttgttaa	aanaaactgg	ggacaattca	agganccttt	ttggggggact	ntaagttgcc	780
aaaaaaaaaa	aaaaaaaaac	tcggnccttt	taaactntng			820

<210> 3903
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (726)
 <223> n = A,T,C or G

<400> 3903

tnnaanctaa	tgcttggcta	cttgttcttt	ttgcaggatc	ccatcgattc	ggtgagccac	60
tgcgcccggc	caaagacact	ttcaaatact	catgattgga	tatgcctctg	tgattgacag	120
tgagatttca	aatgggttaa	agattgctct	gcaaagaggt	taactgttga	gattgatata	180
ggctatcttc	aacatatgta	cattgctgta	tatgacattt	acctaccatt	gtgcatctgg	240
gacttctctga	tggaccacag	gaattccctt	ttcttcccat	tctcttccag	atctttcttc	300
tacttgaaac	cccttatcta	caaaaatgaa	taaacaaccc	aatctcattt	ctgatcgtgt	360
cctggaattg	atctagggca	aggtctggag	aagtgggtggg	agacagcaga	cagcttttgt	420
tagtcttcta	accccagcac	tttctcagcc	tcactctgtg	gttctctgtc	cactctgcag	480
acctcacttc	acaatgctct	tcagatcctt	taatgaatag	gaaattgatt	ttgggtatatt	540
ctataaaata	cagcaaagtc	ttagaaactt	gcagtgtcct	taagaagaaa	gatcccttct	600
tatctccctg	ccagtttttc	tttctttatg	gctcaaacac	taactgattt	tgccatggag	660
gtattgngct	tcanactgct	tttgggtgaac	tgggttgagg	acataaccgc	ttgtctggta	720
tatttt						726

<210> 3904
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 3904

```
nnancntgct acttggttctt tttgcaggat cctcgattc gaattcggca cgaggggaaca      60
tgcaaagcag tagcctctctg aggagcagag ttaaggctag tacagaaaag acttttcctc      120
ccaaaacacc ttcagtgttt ggagaggcta ttatgtcaat aagtaaagaa catgctactg      180
tgaaaaaggt acaggaacaa aaaagagttg ccaaaaataa aaaatattat tgtaaggtaa      240
aaaatttcat aaatgggcct aatagtggga tggatataac tgaaaactaa gatggtgatg      300
aggaagacag tcaagaataa atataccaaa gtagcaaaga aatacctgtg caagtagaat      360
agcttgcttc aaacagatga gatttgctct cccaacatca aaacatatca caaaactaca      420
gtaattaagt ccttttgagg ccagcactga ctgggataag caaatagata aatgggatgt      480
aacaggcctt atttcaaact aataggttgt tcaccaactc ctagttaggat accctgctat      540
ccattatgaa aaagaaaaaa aggttaagttc tcatcttaca ccatacttaa atttcagatg      600
aattaagtat taaacataaa aattaaatga aacatgggtt tncctgggga ttctaagcct      660
actccaactt ggaagctgca aagttggcct tgtgntctac atgggaaaaa aaatagaact      720
gcaaaggaga atatttacta ttgactactt aaacttaaaa tactacatga cangnntgt      780
aaaatagtta aagatat                                     797
```

<210> 3905
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3905

```
gtgnnnnnnt tgaatctttg ctactaanng cttggcnact ngttctttnt ncagggnagcc      60
catgcgattc gaattcggca cgaggggaag gtctggctcc agcttgagcc cactcacagg      120
atgtcagggg gaagtgtgac taaggtcacg gccacgccac gtggtgggccc agctggatcc      180
agagcagggg ccgttggtggc cacacatcct gagtttccat ggtctaattgc agtgggcttg      240
aaaaaaaaag gtggatgcag gatgctggct gggactgtgg agtgcgtggg cagtaagtct      300
taagtgcagc tgggtggaga ttacagcatt tcatctgctt ttcctttgac accttttaaa      360
gatacaaccc acagttttca agggtttatg ccaatgtctg ctagagggat cttgcagtag      420
atcttaaacc ctatagtatt cttaagagca caaggaaatt cttatttggg ttccatttac      480
aacaaggtg gaaatttaaa actaggctga gaatttgaaa tgctgttcac attaaagcagt      540
ttattagggg gttattttga aatcgttctt taagtaattt taagatgttt ccacatctca      600
aaaggatnca tacatttttc ttcatttttc tttggagaat gtctgttcaa ggatgtttac      660
caggtttggg ttttcaaat ttcagcggct tttatngngc tggcattcca ttcgacagat      720
tggaatttgc cccttanagg aaatgggaat gttttt                                     756
```

<210> 3906
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3906

```

agagnnnnnt tnnntcttan ctactaangc ttggctactt gttctttttg caggatccca      60
tngattcgct gtgaagacct ggaaacagnc aaaaaagact tgccaagctc cagactgtcc      120
agctggatga agatatgcaa gacttatgaa ctttattttc tcctcacctc tttttggcat      180
cagcggcaaa tcttttcatg aagccccaag gacacaaaac attttcccat ttaaaggaaa      240
acactctagt tttgcaagta tatgcataca agagacttta gattgatctg catgaagatc      300
acagttaagt atacaggagt agaactgcat tattgcagcc tttttgttca cttataaatt      360
tctcttttaa atagatggag acaaaggaca aggtgaaatg tatcaagtca aagtgaatca      420
tttagttgac tctataattc taagggtcaaa atgggaacttg atagtttttt aaattaaaaa      480
atgtatacac ctaacataga aaattaaaga tagctgcaga ccattagaaa taatacaatt      540
gtntntgttt acttttactn catggggcatt gaaaagggtta agaaacataa atgggtcatat      600
ttttaaaggt aagtacatgc atatatatat gcacacacac ctnttttttca gcattttttt      660
gaaaaagtct tgggggtctca aacacatttg nctcaaccac attttncnaa atgtgattct      720
taataacctca atnttggctt ganaaaagtg ccngg                                755

```

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

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ttcaccatgt ctcaaactcc tgacctcagg cgatccaccc acctcagcgt cccaaagtgc      180
tgggattata ggcgtgagcc accgcacctg gcctatgagt ggtcttttaa ttaggaacaa      240
atctaattgga aaggagagtt gactgaagtt ggcccacagg attgtgagct gggcagtgcc      300
ttcatgaagg cttgccacct tgggacgccc cagtttactg ggggtgtcttg cggagtgcag      360
aagctttctg gcagctgcct ggggtttggc agacctgcc tccccctccc cgggccaacc      420
cctagtcccc ttctgtctc cacttgcatt caggggtggc tgctgttctg agaacattag      480
aactgggaag agagatggga gtcacatgga tttttggtgg gcattattct gaactttcgt      540
atccaagtta gtccccctta ttccactgtg ggcattgccc gtctaagcag ttacctgatg      600
cctgctgctg aaanctgctc acaggangcg gcggcgggccc tggcactgnc cttgcattag      660
ncttgngttt gatgtgttct tgngaattac tttgtcagac aaaatattac ccgttggggtc      720
angaattctt ttactccc                                738

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<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

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agtttnncta tgaacncttg gganctcaan ngcttggcta cttgtttctt ttgcaggcat      60
cccatcgctt cgaattcggc acgaggtttt ntgttatagg taacaggaaa acaaactaat      120
ncaagtggta atgtgtccag ctaaaaattt gggttctgtt aagggttaaaa gaaaatttga      180
ggtanccagc agtatctgcc tcagatgctg anaagcctcc tgagataaga gcgtatacca      240
tgtccataac tgaagtttta acattctntg ccaaacagaa ccagaattta agggcaggag      300
aatttgcaag atagaatttg caatttgcaa gaggggaattg caattctgca agagagggggc      360

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aattttgcaat	ttgcacagag	agggcaattt	gcaagagaga	attgtggggc	cctnagagag	420
aatacatcca	naggaagagg	gaaccangcn	ttacaaattg	aatngaacaa	ggacagatat	480
ctgaaggggg	tttggtagtt	cccantcaag	tatgggtacan	ctangtgcac	ttccctggcc	540
agaccaccct	acagtgtatg	atccccctgg	ggagcaaaaag	ctgcaagtaa	cacttttggg	600
gccctataaa	ttctgctgtg	gngccactat	acngatcaca	gcccaantggg	cattgtnecc	660
ttttacacag	gatctgggca	tncacnccan	gattgcacat	ctggcacgan	tgtgtctgga	720
caggaagacc	t					731

<210> 3909

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (747)

<223> n = A,T,C or G

<400> 3909

ttctttgaaa	cctnanggct	tgggcnactc	gttctttntc	caggnagccc	atgcgnttcg	60
aattcggcac	gagggtcatt	gatagcaagt	aagtacttcc	tgaaggcttt	ccagttcaaa	120
agattacaag	ccattctgcc	tgccaaaacaa	attatattct	gaagatgcct	gttttgtaac	180
ccttgatgtg	aattttttgg	tgtctgaaat	ttacaaaaga	atgaaattga	aattgtaaaa	240
cactaaatgc	tttgggttta	ttttgaagta	atctgttact	ttaaaatgtc	aacattagga	300
agccataaaa	caagatatta	tgaaacccan	tattataaat	gttatctaca	tctaaagtat	360
tttaaaataa	cttattggca	gctttattct	ttttttcctt	acaagattta	gaatcttttt	420
ggttatatgt	ctatttttca	attttgttat	atttttaatt	taagtggcca	atgtgggttat	480
gaacaagatt	tgtatggtca	gcttctgttc	tttcctaaaa	cttcagatna	atatcatttt	540
agctataacc	taaaaaagtg	ttaaataaaa	tgacagatgt	taatttaaaa	gcagccatat	600
gctaatttac	tttttcatat	gatgatggtc	taatgggaag	ttccatatgc	tttcttttgg	660
gcctaactct	gaaaaaggtn	tatgtcagaa	gttctnggaa	atatgtcttt	agccaaggaa	720
ttttattccc	cttaaaattt	ggntacc				747

<210> 3910

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 3910

caanctaang	gcttgggcta	cttggtcttt	ttgcaggnan	cccatgcgat	tcgaattcgg	60
cacgaggctc	attccagctg	gtctatcgtg	ggcctcanaa	ggtgaagagg	gaccgtattc	120
tggggccccc	natagaccag	ctgtagctna	ttncancctg	taccttgggt	gatgggtaac	180
ctacnactgc	atcccatnct	gaatatnctt	tgaaactccn	cannagtgc	tatttaagt	240
taaannctcc	tnagagnact	gcnnnnnnnn	atngtgnatc	tnnccctgnc	cntnganngc	300
tnnangngcn	ccactactnc	aanccanaaa	gaaaagngtg	ctgntcataa	ngccncanta	360
cggatctgan	ntcatnagga	tnacattnnc	cnaaaggag	tnaantgnng	gnaantgent	420
gncactatat	gaantacacn	ncantctgtg	antcactttt	aatnanntac	tgancctttt	480
ctaactatca	ggcgtnttat	tncatgaatc	ccnccntggg	aagatacatt	tntgaactng	540
ntcaaangcn	aacttcaatg	cngtganana	aatgctctat	ntngggaacn	ttggngannc	600
tntngctata	ttngaaacgn	ntntnacctt	gggactggcc	aagtnaacan	cnttcaatta	660
ccnttaaaant	ntantgttta	aaggntncaa	ngggnaggtc	ntgtgnccnt	nattaaatnt	720

aanaagnngn ccatatccng ttnattcg

748

<210> 3911
 <211> 719
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3911
 aacntaangc ttggctactt gttctttttg caggagccca tcgattcgaa ttccggcacga 60
 gcaccccttt taggatttac attagttctg ttccagtaaa ggcttaggta ggaagcacag 120
 gatgtagagc tgagttgaac ctattccctt gatcttacta atgaggtgcc tgatattcag 180
 agagaccaag ggacatcccc aaagtcaacc agcaatccat tagagctgag cctagtacct 240
 tgattctcag acatgaatgc tacttggtga attgaaaatt gcattcataa tacatctctt 300
 catagattcc tggccaggaa gccccagaga ccaaaacagt gggtatcaat atttagaata 360
 tatcagattt acctggggag ctttatcaaa atccacactc ctaagcccaa tagggggaaa 420
 ctctgatgtg gtaggtttag ggtaagacct gagtatttcc aagaaaacct ccctggatga 480
 tcctgacaca gggagctttc agatcatcct ttgagaaaat ctgctttaga gctcattctt 540
 tggttcggct ntctcttttg agctcactga tatcatccct gtggacactg aacttttctg 600
 gaagctttct catctcagga attggtttgg gttactctac aatcagattt ccatncagga 660
 tgtcacggca gtggctcaat actgcacctg tgtccttctc agccnaactg gnetggggc 719

<210> 3912
 <211> 755
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3912
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 gcaggcagcc cagcgtttcg aattcggcac gaggaaactg ttttaantttt aaaggggtgt 120
 attggtgtat gtcactgaaa attccacagg tacagtgggc ttcaggcatg gtttgattgg 180
 gatgccagct ccgttttgcg gagattccat tggttctgct ttctaccgtg tttcagcccg 240
 gtttaggttg caaaacagng gtggaaatgt taggcttcac atcaccgtac cacatagacc 300
 aaaatgagag ctaatatcca ggatgagaat gaacagctct tctaatacagg ctgtcataaa 360
 aataaggaag cttattttat agaagccttt accaaacctc cttctttgac ttgntgntcc 420
 aaattggatt aaccagccca ttctgcggc caaggaaata cacactggtt aaccagctct 480
 ttactaacc atacctttag caaagagatt ggattacca acaacttgat tgctctggag 540
 actactttgg agttggggta tgagatagta gataggagaa tgatctgtaa gtagatattg 600
 gataagcgag taagaaatgc aaactacact gaggtcttgc actggtctag gttttgggac 660
 ccagatgtaa taggacatag ntcttttctc gagcctctag aactatagtg agtcgtatta 720
 cgtagaacca gacatgataa gatncattga tgagt 755

<210> 3913
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

<400> 3913

ntttgnaanc tnaanggctt ggcnaactcgt tctttatnca ngnagcccat gcgnttcgaa	60
ttcggcacga gcaaaccctt cctttgtact cgccttccat aatcactttt gcttcacaca	120
cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat	180
gtcatgtaaa tggggctctg tgttttgag catcatgcag ctgtaacctt tgattcagca	240
gataacaatg tgcattggct ctccactcaa ggtaatgcct ttcagattca ttcaagtggc	300
cgcactctatc ggtagtctct tctttttcat tgcctgagcag tattccatca caaggggtga	360
ccacagtttg ttcgtgcact catcaaagga catttaggtt gcttctagtn tttggtaatt	420
atgaatagag ctgcttaaaa acagtgtaca catgttttta taggaacata agttntcagt	480
tcttttaggtt aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgcctgac	540
tatgaaaaac tgcccaccat tttccagtgc ggctgatcac tctgcattct catcagcagt	600
gaacaaggtt tctagtgtct cctaccctn ttcagaatgt ggnattgnca gaattttaag	660
tttanccag tcttaagaag tttngtattg ntatcatatc atgggtttta atttggnant	720
tcctgacgg gataatggn	739

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 3914

agggnnnnntn nnttcntctn atgaactent anggctgggc aactngttct ttctncaggn	60
agcccagcgt ttgcgtaca aacaccccaa nncaagcttt ttcactctgt gcntataatc	120
acgagtccca tncctctgca ctatcangng tnttntactn cctgctnaan ncnntgttgt	180
ccatttnatt aagacagaag ttncntttat tgtnaaattt gaactgtatc tatgttataa	240
tagtaatggt aactcantcc aaaggaccta ntnacaggaa gtaacntgtc ntacatatca	300
gtnnatatan ggnnntnagt agggacatac tgtgatcttg gnatacttgn aattttttan	360
nttctctgggc ggttcantgc attgatnnat cacatnatnn taanacatgt atgttgagac	420
anagcangan tctgtctcaa aaaaaggga aaattcctgg actacataaa ttaaaagtcc	480
atgaatagga ttggcttcta gcatgcccct tcnngtgctc agacacttaa tcagaaattg	540
gacttgangt tanttttatt ctcaggccaa ccttctccag tantgatgaa nanggccacn	600
cagcaactnt gacctgccan tntggcaaaa atggatcana aaagtgtaan ctaagctgca	660
tcngaangcc cangaatgcc tctnactggc ctgacttncg tcatngcccc atctttgcac	720
aacctgtggn ctttggcang gcaagggnn	749

<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (734)
 <223> n = A,T,C or G

<400> 3915

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ttcggcacga ggagtatgtg tccagcgccc cctgtgggtg gtgagagaaa gcagctgcaa      120
ctcaagtgac taggtgggcc cagctggctt cgtgcaggag ggcacgtcac tgcatacgac      180
ccggccaccg tgttctgaag gacagcgcca aagatgggtt agagtccactg ctgtgggagt      240
cttcgtcccc acacagagga caggctgtct agctccactg tgcaagatga tgcacacca      300
gaccagtgac gtcaggacga tgctgtctac gacagcaatg gtgaagatgc ctaccgtggt      360
cccatccttc ctgcagcctg ctgcgggcag gacgtcagc tggctgtgag ctcgctccgt      420
gcccagggtg ttggacatct cacagatacc acacggctct ccaaggggac caccaaggat      480
ggggtctcta caagagagca acagagatct tagtcattct cagggcctcc gttgctctgg      540
ctctgccggt cttctggaca acggacaatc caacatatca atgagatgca tctgagattc      600
tgtctcanag tggcaagctt tggagaagac ctttcaactc attgactgag tcatctccat      660
gctgggagtg gcttccacag ggacagtga cctctgctga caaaagcccc tgctattcct      720
taactgtcct gggc

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<210> 3916

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3916

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agagnnnnnn ttatcttat cgctaattgc ttggctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggtgatctgc ccgtctcagc ctcccagang agcacgtgga      120
ttacaggcat gagccaccat gcccgccctt ggatgtattt tctatcctag aatgtccacc      180
tttaaaaatg aagcccagtg aaaagtgttc cccactaaa atgtggactg ttttgcttgc      240
agggatgtgt gggtttcttg tagatagaag gctagagcta gcaccttccc aaattgcaga      300
ggaatcaatc ctggcttgtc tgtgagctgg ggaggaatgg aaaggtaggg gccttgagag      360
tccttaatta catagggaat gtccatcat tttgtntatt ctttaaaaag ataatgggat      420
tctttntnngn tgttgtagt ctgccttctg cagcgaggct ggggtgcaat ggtgtgatct      480
cggtcactg catcctctgn ttctgggtt caagcaattc tctgctca gcctctcaag      540
tagctaagat tacaggcatg caccaacatg ccactaatn tttgtactnt tagtaaagac      600
ngggttttgc catngttggc caagcttggc ctcaaactcc tgacctcaga tgatccaccc      660
tntttgggaa ccaaggcagg aagattgctg gcagccaaga attcnanggt gcaatgagct      720
atgattacat cactgngctt caa

```

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3917

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ttntnnnnn ctaanggctt ggctacttgt tctttttgca ggagcccatg cgattcgga      60
aaatatagct aacacttaat gtttgaggtc tgagcacttt acattaaata ttttaacctat      120
aaaatgaaat gagaacttac ttttattatc ctacttata cagatgagga aaccaagaca      180
cccagagatt aataatttgc ctaaggtaac aaaattagta agcatcgtaa ccaggatttt      240
tggtcagtct acacaccttc cccgttccct cactatagtg cctgctgcaa attgtacttt      300
aagctatagt tggacaaaat attaaaatct atctgggatg ataggtgacc aaaaaaaaaa      360

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gtatatattga	aagtatcaca	gtgttaacag	ggcagtgaag	atgataaggc	taagatacag	420
aaaggaaacc	agagagcaga	gtctactgct	tgggactgtg	gctcctccag	gcacctttga	480
ccattcccaa	taaggtaccg	tgagaccctg	agcactcttc	ctgtaccacc	tacacagctc	540
tcctcttcc	ttcctgggtt	tactttat	ttcactatca	gcctctgttg	cactatattg	600
tcgttatgtc	agtatttgtt	tgttgattac	ccattctcca	tggctaggaa	tgtcagctcc	660
agcctgggca	acaagagcta	actccatctc	aaaaaaggaa	aaaaaaaaaa	aaaaaaaaac	720
tcgggccttt	ana					733

<210> 3918

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3918

agngnnnnnn	nnttnnctta	tgcctaatag	cttggctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	agctgaagtg	aggttgaggt	gggtgcacgg	agcccccatg	120
ccctcagtgg	gtacaccagc	ctcccagcac	ttcctcatgt	tcaccaacac	ggaagcttat	180
cagagcttgt	tgtttcagaa	ctcaattgcc	agctcactgc	tgaagagatt	ggtgggtagg	240
gctgaaagaa	atatcagtgg	gtctttgtgg	tattcagccc	catcctgaga	tggcctatcc	300
aggggctcta	taagaagtca	cctcattagc	ataaactcac	atgtgaccaa	aaggatcttg	360
ttatgaataa	caaaagatgt	tcttattact	caggaaatcc	caagagttta	gatgctctgt	420
gtcagggaag	tggggatgca	gaccaatttc	ttattctatc	acattaacca	gaatcaagct	480
tataaaaaatg	tatttttttt	tgtatgggcc	tcantgtgcc	tacttgaata	atttttgctg	540
atttgattaa	aaaattctgn	ttttccattc	tcttttatta	gctgtcccat	agttttaata	600
cagccatcat	cccaagacca	gaaggaagtt	aagtgtcat	ttataaaaaat	gattgnatcc	660
tncttttcca	tctattactt	ttgngtccat	tatgcatgtc	aagctgggtgc	ttgggagctt	720
actctntgna	ccctctatta	gacagang				748

<210> 3919

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 3919

ttgaanctaa	tgcnggctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagctttcat	ggtatgtcca	taggtgtaaa	atgatggcct	taatgcttat	aataataagg	120
taggtttttg	tatgtcta	atacagagaa	atttccaaag	actttttaat	ctttgcttag	180
cataaggagt	ttagtcagta	actattacaa	ggaaaaaatg	atcagttttc	atttgtcagt	240
tctataagcc	ccaggcaagt	ttctttcggt	tttgactttt	tattaattaa	ccatatccta	300
agtgtctaaa	gccatgagtc	atttttaaaa	tttatctttt	tttgtatgcc	atcaacttcta	360
gttttaccac	tttgtactca	caaagaagcc	acaaatggat	taatcattat	gtcatctaag	420
gaaataaatc	catggcatag	gggtaaattt	aaaaaatact	ttgtactagg	attttataat	480
agcttaaatt	tattgaaggg	ctactgtgtc	acaatcaaca	tgtctcagcat	ttttcatgtg	540
ttattttcca	tttgtaactg	gcaactactt	aggattat	agttaaaatc	ccttccttta	600
tggaaatgaga	tgtctgttta	ttacgtttac	agccacatta	cagatctatt	gacataaact	660
ccactatggg	aattgtgctc	ctttttttcc	ccctctctgg	ttcacctgct	caatggttta	720

aca

723

<210> 3920
 <211> 723
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (723)
 <223> n = A,T,C or G

<400> 3920
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 caggaccctg agacatcttg ggattcctgt ggtttaggaa agaccttta ctaccagctg 120
 gtagttgtct cagcattctt caaatagtcc ggtcttggtt aatattatta ttattattgt 180
 tatttaattt ttttttattg caactgtact tagagaatag tctggtcttg agaccttttc 240
 actgtggtct gttctggtgt acggctccca ccagtgtgaa gcagaaggat gactttgctc 300
 tgttgtcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360
 gccacctagc atgtcccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420
 cagatccctg aatgccacag aaacctcaga ggcttgggat cccaggacct tccagcgtc 480
 aagatctccc ttgccgtggt cctttccgtc atcacactgg ccacagtctt ctccaatgcc 540
 tttgtactca ccaccatctt actcaccagg aagctccaca cccctgccaa ctacctgatt 600
 ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccac cagcatcgcc 660
 tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgncctct 720
 gan 723

<210> 3921
 <211> 719
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 3921
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 ccaagcagac cttggcatta tagatacagg tttctaaaag ctgatagctt ggctgccagc 120
 ctcatgggct ggatcaccca caacttcag ggctcttct agtggaagct ggagcatttc 180
 cttggtgaat tcttttccct gaggggcaag atccatgcca cacagctctc tgaccctgtg 240
 tgtcacaacc cttatgggtc atgagcaaaa tggttgctag tagtcatttg ggcatttctc 300
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
 tacttccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaattggagt 420
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
 agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttgga 540
 gatgatctga atacatggta ttgaggacaa accttcttcc caaggctgat ttgataatat 600
 gtgagtttgt ggggtctaaca ttagaataa cactcaactg aatggatgtg gggtaatctg 660
 ggtatttaga cagggtggtt tggtnnggtt aatgggncca aaccttggtt nctggaaaa 719

<210> 3922
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 3922

agngnnnnnnn	nnttnnnnnnn	ttntaancta	atgcttggtt	ncttggttctt	tttgcanca	60
cccancgatt	cgagtgggtt	gcaaggagtt	ctgtgtaaat	acttgggagg	catccaagcg	120
gagagttaag	taggcactga	atattttaagt	tgagctgagg	ggagtgatct	agactggaca	180
taaatttttg	gagtcactag	tatacagatg	gcatgtcatg	gaactgattg	anattgtttg	240
tggccttaag	atcaagccct	gnagactgg	agtaataaaa	ctctggtctc	ccacacagtc	300
agctctgngt	ggggaaaaaa	aagccctaaa	acactaacaa	cggctaaagc	ttgggcaaag	360
ganactgaaa	aggttcagcc	nttaaagtgg	gagagtattt	tattattttc	aagaaagagg	420
gaatggtcac	ctctgtcaaa	tgctgntgan	aagttacaca	atgagaatag	agaaatgtct	480
atttgatnt	gacaacatga	tggtgactgt	tttgacaagt	ggaccaagcc	acattgggat	540
gcttcgaaga	gagaatagga	agtggagtga	atatcgacag	ctcgttaggg	aaatttgctg	600
ctgtaaaatg	gagagaacca	cttaatgctt	caganggaaa	tggggctaaa	aaaaaaggct	660
ttttttttta	atttttttta	naacaggagg	nccttcannc	atccaggttg	gagtgcattg	720
ngcaaattnc	cggttaccaa	anacn				745

<210> 3923
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 3923

agngnnnnnnn	cnnttcenct	nttgnaacct	ntnatggctt	ggcaactngt	tctttctcca	60
ggnagcccat	cgnttcgaat	tcggcacggg	cctagtagta	ccctgacctc	caggtgcccc	120
tgactctggg	aaagcctttc	tgatgatctc	aagcttgcan	attctgtccc	tgttctgacc	180
gggggtcaca	gcctagtggg	agaacaggac	ctcctgctaa	gatgctggaa	ggaccctttg	240
ggggagctga	ggcctggctc	ccctctcccc	aggcgcaggt	gcacaggcgt	gtgggctgtc	300
tgcaagcaca	gatectgcct	cacagcacca	ttaccacaat	aactgaatct	gtgtttctctg	360
gctgctgtta	attgtgctan	agatttgagg	catgggtttg	gggtgaagg	tnnaaatgag	420
caattagccc	tnaaatgtta	aactaataag	ggaaataaat	gatcaagcaa	agtctagcct	480
angaggtttc	agcaaccgaa	gatgggctgg	gacggggctg	ggatgccgcc	gaccagcag	540
ggagtggccc	ancnggtttg	cttcaatgac	ccangatgtt	tccacaantc	ggaaaggggt	600
gctatcttnc	tgtctgctac	ttagaaagtt	ctatcttacc	cccnggatct	nacttacacc	660
accagancat	tactggtcta	cccgncaagg	ctcttctgct	caagaagaca	gggaaaggat	720
ttgctttccc	cacnccatta	nnacccc				747

<210> 3924
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3924

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cggcacgaga	aaaaaacana	aaaaaacctt	gttttcagtg	ttatgggaga	gaaatgaaca	120
atgggaaaca	accgaggaaa	gctggagcag	gttacgtata	aaaataaagt	ccattcacca	180
aaaaaggcat	tacttacgag	ttaccagggg	tgagagatag	gatgctgaag	tgggtctagaa	240
attaagctac	ccagtatgga	agggctgaca	attcagtgat	cgagagcagt	gccttagaac	300
agccaaaaca	atagcaaact	gagatctgca	gaattaactc	tcctgaaaat	aacaaggagg	360
tactcatttc	acgttttcctt	ctatttgatt	tacaagaggg	tgtagcttga	gggaaaatgc	420
ctcacacttg	ttgaattaca	cagttgtttc	tcattcactt	ttaatcacgt	tttgagcacc	480
tgctaagtac	caggcatttt	gctaattgagg	agcacagagg	taaaagacac	atcactactg	540
tatgaaatgc	gtagctcant	ggtgtgatac	acaagcacag	agaggtnacc	agagagcaag	600
gagggcatgg	aaganaggcc	ttnactttt	ggactgggaa	nggagaaaga	tgtangacaa	660
gaaaatcttt	cccttaagga	gcttgatgct	ttgaacttgt	gccctngngg	aatgaanaag	720
ttnaccant	tngggcttan	cnt				743

<210> 3925

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (743)

<223> n = A,T,C or G

<400> 3925

gnanctaattg	ntgcttggct	acttggttctt	tttgcaggat	cccatcgatt	cgtctagact	60
ctggctgtca	ggaacgggtc	aaggccttca	ccatgagaag	agcaccaaag	ggagttaata	120
tggggttgac	cagaggtagg	caaaggaagg	cctgtgggcc	aaatctggcc	agctacctgt	180
ttttataaat	aaagttttat	tggaacacaa	ccatgctggg	gtttgtttca	tatttcctga	240
ggctgttttc	acactgcaat	ggcagaggtg	agtggttgac	acagatgccg	tctcaccaaa	300
gcctatgata	tttactgtct	ggccctatac	anaaaaagct	tgctgacctc	tgggttagac	360
tgtcaggtgg	tananactaa	ggagggagtg	ataagtcctt	gttggccacc	tgaggttttg	420
nctgtgtcag	gaagctgcag	atgggagatg	tccaggcagt	ggctcanaag	aacctatgga	480
ggacccatta	agggaanggt	tggtatgtgg	acaccancca	cgcccangtg	aaccanctgt	540
gcagtcaaat	acanaacttn	ccgtccctta	caccttctt	ctctgnggtt	tcaatttttag	600
tgaaagtcan	ccacaccnca	nangtngaac	caaccctgtc	agtcaaaatn	caaaactttc	660
cttgccctt	taaaccttcc	tttttnctg	gtttccaatc	ctggtggaag	gtccataagc	720
cccagtcct	gaanccaagg	nng				743

<210> 3926

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (787)

<223> n = A,T,C or G

<400> 3926

ggggnnanng	cccttnctcc	angcngtaac	tctcgggaan	ggcccggcnn	cttggttcttn	60
cnnacagnag	cccatcgctt	cgctcnacna	catnctggg	ccctttttca	tggggattna	120
tgncnagtgt	nnngggacag	gaccattcan	tggctggntt	nnaannttga	tggngtnaan	180
tgcnnttaga	ataaanngaa	cagancaaaa	taangnnngg	ntagnaggaa	gatggnatgc	240
acatganaag	ataanggcag	cagnanaggt	gaggganga	gtggatatng	gggaatgacn	300
ttatnaangc	cangaaacta	gaatctnagn	gacggaaaag	ctnnaaaagn	tctgagncnc	360

ttnnncnanac	ggnggggtacc	cngggggtcga	acaaaccgnc	ttcttttgaca	tggtgtanca	420
tactgaacan	ggnttcnaa	tcctgcggcc	aangnaagac	acgnagncta	nccnagtcgc	480
tanngccna	accaatggcn	attncnaggc	gtgatctaac	gcactacagc	ttgnactcct	540
gggctgagggc	ggganaatca	cttggaccca	ggaggcatga	anttgcanagt	gagnctnaga	600
acacgccaat	gncatacgcc	tnngnncccn	anggnccnaa	aacccccggt	cttaanaaaaa	660
angggaccca	agaaagggng	gaatccccc	accccgcccc	nntagaacca	tnntcacccct	720
aaaggggaag	gnnnctttta	nggaaaanna	nccgggcntg	gggnaaaaaa	acanggcctt	780
ntagnc						787

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3927

tnnttgnaaa	ctaangcttg	gnagctngtt	gttcttnncn	caggntncca	tcgattcgtc	60
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gccaggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	taaattacac	180
ttctgggctc	tgtcagccat	gtgactgtag	tcacatgga	gctctcagca	taccgtgcaa	240
cagttctggg	aaatgccagt	gcaaagtggg	tgtcattggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgccctca	cagggtgcttg	tttaaactgc	caggaaaata	gcaaaggaaa	420
tcactgtgaa	gaatgtaaag	aaggatttta	tcagagtcct	gatgccacta	agaatgtct	480
tcgctgccct	tgttcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	ccgactgcaa	taaatgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gaccccgatt	aaaactccca	aagatttgta	agcccnaaaa	ntgggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3928

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gnagcccagc	gattcgaaat	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120
aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgtctgttaa	cagattatag	tcagtgaggg	ctctttcctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgctctaacc	ctgttttcac	ttatcagtc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcct	caaagtttct	ctcagtgttt	atccaagatg	taattcactt	420
agcatcttta	tctcgctgca	caggactaga	gttgcccttcg	aaaaaactca	ggataccact	480
tggctataga	tcacagtact	tgttcctcgt	atgtgcgtta	actngtgtga	atatgcagcc	540
tccgtgagat	atgtgcatac	tgcttctgtg	aacacacagg	acaacagact	gtcttccgca	600
gtcatacact	cagtcataat	ctcaaatagg	tattccagtt	caaagtata	aatcagtag	660

tettacatgt tacagantgg gtgggatgtt cctttgccag gggattaaaa aaaaaaaaat 720
 cccaagtctt aatactgntt tctnccnagc aat 753

<210> 3929
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3929
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 acccatcgat tcgattcggc acgaggtgga ataatatctt ttgaaataac taagtccact 120
 aaattataca gtatgctatt ctggttctaa gtacatatta gtcccttggc aaatctgttc 180
 tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaat 240
 gtggtagtag taggtgttag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
 gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
 gatttatcct acttgggaga aatattttgt agcagagtat ttagtatact tagaagttga 420
 tttagcaatt aggcctttaat gaccttacia agtgaacata actgaacaca ngtatTTTTT 480
 caatgcaaga tgaggatgaa aatnttacat ttttaacccat ctggctaaag ttttagactta 540
 gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
 tgtgtaataa ggaggattg gactgaaata tnnnttgcag ggtttcacat gtaaaactgc 660
 acttgccttg naaggatnnt ggnaanaatc tgngtttttc ctcagncnnc nttnagaaca 720
 gtaaggggnc ctaacctnnt ttaaccgcta aatg 754

<210> 3930
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3930
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 ctttttgcag gctcccagcg attcgaattc ggacagagcc cgccacatgg cctgtttctt 120
 tccttgctgc tcctgcagca cagccctgac tcggggggtt tgcgtgtccc ctcanctgt 180
 cagggccac tccttctct gtctgtgtct ctgcttagcc agcgcacggt cagggaggca 240
 tgggtggcca gcccgaagg agccaggcct cccagcacc cttcccttgt gtggcctcct 300
 cccacatggg atctcagccg gtctgtggt caactaaaca ggacgtggca ggcgtgatgc 360
 cctgccaatt ccaggcctaa gccttgacac agcctggcag cttctgttc tgaattgcag 420
 gaccccaact gtcattgtaa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
 cacgtgagag gccacatana caggccttgt ggagaggga aggtgctgag actacctgga 540
 angggagccc agttgaccaa acacccccca ctgagcccat cccccagnca ttccttgcca 600
 ggacacccaa catgtaagt angcatccc ggccgttcca ancttggnc ancgccantg 660
 ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggcnnancnt 720
 gaancccan ttnngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
 tggttnca 788

<210> 3931
 <211> 460

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3931
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 tctggggaaa gctcatataa gtatggattt tattcctcaa ctagtaggat accaatactg 120
 gtattgaaac ttggggaaaa taactggaga taccagtgc gctatttaaa gctgtagcaa 180
 gggctgcaat cttgcggaga ttttaaagag aagttttaaa gtttctaata ctgatgcctc 240
 tttttggtaa atacaagttt tataaatcct gccctgggat cctgattccc cattaatcaa 300
 gatttgtcag acttcacctt ctataattag aaaacacagt tataagaaca gtcaattttt 360
 taaattttcc aaattaaaaa attgcaccat gattttgaac aagcacttcc aattacatta 420
 cccatcttgt atgccatagg tgggagtata attgtcacag 460

<210> 3932
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3932
 anctaangct tggctacttg ttctttttgc aggancccat cgattcgaat tcggcacgag 60
 attttaagtg tgcagctcag ccgtatttag tgtattcaca atgttctgca accaccagcc 120
 tcttgagtag ctgggtgtgc accctgcacc cagccagaag tggaatatct tgttggggct 180
 gggcttagag ctggagctgg tggccggctc tgctogctta cagaattctg tacggtttct 240
 gattttctctc agcccatctg tcttcactt gcaagcatct gatgactgct gcatgtacca 300
 taaaaacatg caaatatata attcttggct ttgaggaggt gaccctatga aattgactta 360
 aaaaagttgg gctggatata gtggctggcg cctgtaatcc cagcactttg agaggctcag 420
 gccggagggt cgcttgagcc caggagtttg ataccctgtc tgagagagaa ttagctgggc 480
 atgttagtgt gcgcctgttg tcccagctac tcaggaggcg gggcgagagg gatcctcca 540
 gctgagatgt gagggttctt tgagcccagg aggtccatac tgcagtgagc catgattggg 600
 ccactgcatt ctagcctcag tgacagantg agactgttta aaaaaaaaaa aaaaactcg 660
 agcctntnaa ctatagttag tcgtattacg tagatcnga catgataaga tacattgat 719

<210> 3933
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 3933
 agagnntnnn nnttgttgac totaatggct tggctactng ttctttntnc aggagcccag 60
 cgattcgaat tcggcacgag gcctggcgaa ttttttttgt atttttggta gagtttcgtc 120
 atgttgctta ggatggtctc aaactcctga gctcaagtga tccacctgcc tcggcctccc 180

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agagtgtctgg gattacagtg tgagccacca tgcctcacct aggggtgtttg gtttttaagt 240
gaaacatgca catggtaaac attaaaaccg tctaaaaggc tggaccatga aaagcaaggc 300
tcccttctcc caccacaatcc ctgaattctc cctggagagt atccctccta agtgcacgca 360
cttccactct gttccatttc tgctgtttaa aactacttag tgcagcttag tgtagtggaa 420
cctgtctcag aataacccat atgggtcttc tttattctca tgaaccacag agcatttcat 480
gtgttggaata tattgtctcc tacttacgga catttggggt tgtttctgtt tttgtttgtt 540
ttgtgacgga ctcttgcctc gtcacccagg ctggagtgcg gtggcacagt ctgcctcatt 600
gcaaccttca cctcctgggt tccaacgatt ctccctctc acctcccaag tagctgggga 660
ctacaggtgc ctgccaccat gccactnat ttttggtatt ttttggtaaaa caggggttca 720
ccatgtttgg ccaggcttgg tn 742

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<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 3934

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agtttnnnan ntnaacnnnt tgctgccata gcgtggcttt ttgcaggacc catcgattcg 60
aattcggcac gagggggccc ccatttttct caaatnccct gagcctcaag aggtggngga 120
agagttgaag aagtacctgt cgtanggaga tttgggtaga agccctcatg ctgagctttg 180
tgtccctggg gatgttggaa cattaatgat ggaacatggc caaacttcag tcatgatcct 240
gaaaccatgg cttcaggatc atgactgaag tcatgggttc ttccctgcca gaaatgaagg 300
ttcagttatg aggcaacct ctagtgaagg attgtaaaag ttactggntt nggtttaata 360
aaagttgaaa tanagtanat gaaaganaaa ananaaactc naggctctag aactatagtg 420
agtcgtatta cgtagatcca gacatgatag ggatacattg atgactttgg acaaaccaca 480
actagaatgc actgaaaaaa atgcttttatt tgtgaaatcc gtgangctat tgctttattt 540
gnaaccatta taagctgcaa taaacaagtt aacaacagcc aattgcattn catttcatgt 600
ttccagggtc agggggggaag gncttgggga aggggttttt taaattnnac ggggccgccg 660
tggnccaatg ccnttggggc cccgggtacc caagcttttn ggtnnccctt ttantgnaag 720
gggttnaatt ggccccccct tngggcntta aatncatngg gncantaacc tnggnncccc 780
cnggggtggtg aaaaatttt 799

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<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3935

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ggtaaattcc tgggttccag gctcaagcct tccactgtat gctccatgtt accagctatg 120
ccttttgaac gggagatggt gcataaataa ttgttgagta tgcactttag attctttgct 180
aacatcacat ttggtgaaac tataaaataa ttcccatgaa aattggattg cttaatatca 240
taactgatat ttaataatat ttaatatgtc tctaaaatct ctggctaaaa tgaaaatatt 300
caaccatcag gaaggagaaa caaaactatt actgtttgta aacagtttat catcagtact 360
tacctaaaaa tcctggagaa tgagctcaga aatatttcta agagttgaga cagtttagca 420
aatgaacag atacaacctc aaaccaaacc aaactagaaa gctcagagga cacagaaatg 480

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ccagtactga	gctggcaaca	cctctgttgt	ttgtgaaaat	gttctcttga	acacatggac	540
acaggaaggg	gaacatcaca	ttctggggac	tgttgtgggg	tggggggatg	ggggaaaggg	600
ganaantncn	nngnnnnnnn	nnnncccant	nnntnnnnn	nnnnnnntnn	nnnnnnnnnn	660
nnnnnnnnnn	nttnannnnn	nnnnggggnn	nnnnnnnnan	nnnnnctttg	gnnnnnnnnn	720
nnnnnnnnnn	nnnnannnnn	nnnnnnnnnn	nnnnnnccnn	nnnnaaaaan	nnnnnnnnnn	780
ntnnnnnnnn	tnnnnnnaaa	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnn	834

<210> 3936

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3936

agagnnnnnn	tttttgaanc	taatggctgg	ctactngttc	ttntnncang	atcccatgcg	60
attcgaattc	ggcacgagtg	gaagctctca	ggccaagggtg	attgacagag	atgggttttga	120
agtaatggaa	tgtataaaag	gagaccagta	tattgtggac	atggccaaca	ccaaggggtca	180
tacagcaatg	cttcatactg	gctcatggca	tcccaaaata	aaggggagaat	ttatgacttg	240
ctcaaagtat	gcgactgtga	ggacgtggga	agttgaaaat	ccaaagaagc	aaaaaagtgt	300
gtttaaacca	cggacgatgc	aaggcaaaaa	agtcattccc	actacgtgca	catatagtag	360
agatggaaac	ctcatagcag	ctgcctgcca	gaatggaagc	atacagatct	gggaccgaaa	420
tttgactgtt	cactctaagt	tccactataa	acaggctcat	gactcgggca	cagacacttt	480
tgcgtgactt	tttctatga	tggtaatgtc	cttgcctctc	gtggagggtga	cgattcatta	540
aaattatggg	acatccgaca	atttaataaa	ccactttttt	cacctcgggt	cttcccacca	600
tgttcccaat	gactgactgc	tgtttcagtc	cagatgataa	gctcatagtc	actggtacat	660
ctattcaaag	agggatgtgg	cancggcaaa	cttggtttct	ttgaaccgta	ggactttcca	720
aaggggtgtat	gaaatagaca	tcccagat				748

<210> 3937

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 3937

agnnntnn	nctttgaatn	tnatgctggc	tacttgttct	ttttgcagggt	ngcccatcga	60
ttcgaattcg	gcacgaggta	agatcctgcc	tcaaaaaaaaa	aagtttatgt	tctcaaagtg	120
ctcataatct	agtggtagta	cagtatttga	gatattagag	cagtttctcc	tctttttgca	180
actaaggaca	tgtatcctta	aagcagaagg	aatggcagag	tcggtgtaata	aacctcaag	240
taccattact	tagcttcaac	aactatcgac	actctactgt	tcttgtttca	tttatgcctc	300
acctccttcc	catccccccac	ttgaatatcc	tcatcctttt	tttacagttt	ttaagataac	360
aattacataa	ctgaaatgca	caaactcttag	ctgtacagtt	ttgacatatg	gatacacctg	420
tgtaaccaat	gactgtatca	caacatagag	catttcatct	ccccagcaag	atccatgtgt	480
cttttcctag	ttaatgcctc	tttattttctg	agatgggttat	tgctctgctt	ttgtttttca	540
tgttaggcta	gtcttgccctg	ttctagaatt	tcatataact	gagaacatac	agnaatgtac	600
tcactagtag	tgtctgactt	tttcacaaaag	gataatgtct	ggcgggtattc	attcatgctg	660
ggngtatgca	tcagtagttn	attntctttt	tactattaag	tagtggttcta	aggactattt	720
taatagcatn	ccacaaangg	ggtntga				747

<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 3938
 agtntttcnc angannactn antgggctgc cctactcgtt ctttttgcag gnngcccatc 60
 nattcgaatt cggcacgagg tgtgggtcan ttcatcaag tactttacaa ggtaatagaa 120
 tatcacaagg caagtggagg cagggtgaga tcacgggacc agggcgaaat taaaattgct 180
 aaatgaagtt tcgggcacca ttgtcattga taacatctta tcaggagaca gggttttgag 240
 atcaaccagt ctgacccaaa tttattaggc gggaatttcc tcttcctaata aagcctggga 300
 gcgctatggg agactggggc ctatttcacc cctgcagttt cgacagtaag agacggccac 360
 gcccaggggg ccagttaaga gacccacccc caggtgcgca ttctctttct cagggatgtt 420
 ccttgctgag aaaaagaatt cagtgatatt tctcccatct gcttttgaaa gaagagaaat 480
 atggctctgt tccgcccggc tcaccggcgg ccagagtta aggnatctc tcttattccc 540
 tgacaatcgc tgttatcctg ntttttcaag gtgccacat ttcattattgc tcaaacacac 600
 atgctgtaca atttgtgcag ttaatacagt tattacaggg tcctgagggt acatacatcc 660
 tcctcagctg acaggattaa gagattnaag taagtaaaga caggcatagg aaatcacaag 720
 ggtattgact gggggaagtg ataantn 747

<210> 3939
 <211> 810
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3939
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 ggcnnngcga atncggcacn cagaggcagg tgngtttttt aaaaggtnaa cacaccngtt 120
 atgccttcnn gtacgggcat gcgagccaga agantntgca nctgcnnnga gagatgaagc 180
 naaactntgc aacattcaac tgcattaaan aaaaatgatg ccnanagggc ctttgagcaa 240
 gaaatgnngg nngatnaang acacccgnng ccngaactct gcgcgggaca tnnnggttat 300
 ggctctgtna gtcntaach ctgcagntga ccagacnnc tannggcngg actaggggat 360
 gangcggctc actgtgggcn ntncgtgaga ccncaggnc nncatgatga ctgnaaacag 420
 antcccanan actctactgg atcctccctt ttccttgcta acacatgaaa ctgatccagg 480
 atacacagcg caanaagnat ctgaatggca gtgaattctc ttnaacataa cccgcnatgg 540
 cnatnggggc ttcantggaa tagangggta caggtcaacn ggggttgacc ctgcggnntn 600
 gnnnggncan cggcntntng agncanaaat acncgtaang ccaantttac agccatgaan 660
 caaggatccc ccnttngggg tttggggatc atcacggnat tgntgttggt ggcantaacy 720
 ctgaaatgga aaagggaacc ttgcccctta natgaccctt tgggggaaanc ccctnaaaan 780
 ggaatcgtaa aagnccaanc nccaangtcg 810

<210> 3940
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3940
 agagnnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngccag 60
 cgantcgaat tcggcacgag ataacttcta aggaacaaa ccaccctcac atgcactatc 120
 tcatttgtat ttctgtcaat tctgaaaggc cagcatttgg ccagtattat ttgaatctgt 180
 attgtatttt ttaaccagaa gaatgaagg tttatagcttc attcttttgg aagaggaggc 240
 tggagaccac aggttaaagc cagggtgcac gctcttggcc ggccctggaa gggtcctttc 300
 tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
 gacagagatt aatcatttat ttgtgaagg tttttctgcc ttgctttctt gttctttttt 420
 aaatcttcac attgttttga tcccaaaatg tttgtgttgt ccttactcaa aactaggaaa 480
 aacaattatg tggtaagagg ctgagagcca cttacttaaa tctcactaga tttatttgtg 540
 agaacatctg ttttctgata tttagacact tntctttcca ttgctgtttc ctatgactca 600
 tgcacagtta tttgttcagg tttcatggga atttcccaag tgtatttacc tttgtttggg 660
 tttttaaaaa tgtaaattat attggcccaa taaatgagta tgtgttgtca nggggactgt 720
 ggctgggtca ttgcatgtgg aaggggaan 749

<210> 3941
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3941
 agngnnnnnn ttttgnntct aatgcttggc tacttgttct ttttncangt tcccatcgat 60
 tcgaattcgg cagcaggggc catgtacctc ccggacaccc tctctccacc gaccagctca 120
 agtccacact gcagaccctc ccagagattg tggcaaagga agcacagggt aaagtggccg 180
 aggtggaggc cgagcagggt gacaacaagg ccaagctgga ggccacgctg caggaggagg 240
 cgcccatcca gcaggagcac cgtgagaagg agctgcagaa gcgctcggag gtggcgaagg 300
 attttgagcc cgaacgtgtg gtagctgctc cccaaaggcc ggggaccgag ccacagccag 360
 aaatgcctga cacagtctct cagtcagaga ccttgaagga cactgccccg gtgctggagg 420
 gcttgaagga ggaagagatc acgaaggagg aaatcgacat cctcagcgat gcctgctcta 480
 agctgcagga gcagaagaag tctctacca aggagaagga ggagctggac tgctgaagga 540
 ggatgtgcag gactacagcg aggacttgca gggagatcaa gaagggaact ttcaaagact 600
 ggtgaagaaa aattccgtgg aagaatctaa agccagcaag agattgacna aaagggtgca 660
 gcaaatgatc gggcagatcg atgctttgat ctccactgga gatggccaca gcttgcagct 720
 ggcccgga cggatgccct 740

<210> 3942
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3942

```

aggtnntnnnt tttgacccta atggctggct actngttctt tntncagggt gccagcgan      60
tcgttttaacc ctctataaat gcatttttctt tggatattct cctagattct cagggatatt      120
tccatattttt actattcatg agtttagaag agtggttact ttcttgagtt ttcatttcct      180
tctttttctt ctgtcatagg taatttacag agcaaatagc caccagagag gataccgtaa      240
gggatgtgga aaatgagttc ctttgcgctt atccagttag gttgattttc agtcaatgag      300
cattcagtat atgcctggga ctctggcttt atttttttag tttgtgatgc caaacccatc      360
aatgaacttc tctgtatat tgaattcatca tgaaatgggt acactgaggg tggctgattt      420
ccaggtttac atcagttgcc ccaggggaag tgcttgcccc ttgtctgggt gttgctgctc      480
taactttgcc ctgttaattg aagaaatgcg gctgtaaaca cttctggggt gttgctggta      540
ttttctgtcc tcacagttta cagagaaacc catattttca gcctcttctt ctgctttctg      600
tcttttctgg aaccatcttc accgacctgg tgtaatcttc attggngtgt gantntgcac      660
agatgtaaca tctnctcaaa gcctantgcc caccttccaa cttcacgaaa atctggagct      720
caggaccacc attctttcca aaccct                                     746

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<210> 3943

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3943

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agtnnnnnnnn tnttgactct aatgctggct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgaggggca ggctttgaga ggatcgactg caattttgaa agaagttgta      120
ccgtgagtaa aatgcgatca aacagcattg catgcttcag agaaatcttt cttcacaaaa      180
ggaacaattg gtgcagcaaa attaatcttc ttattttaag aaattgtcag ccgggtgtga      240
gccaccatgc ccggccgaca taggctattt tttaaaatgc aagctcttct gaaccatata      300
atatgatgtt ttaaaatata gactctgaag acaaagacct gggctcagaa tcaggcccca      360
ccacttattt tcaatggaat cttgtctgaa tcttgtaate tttccaagcc tcagtttttt      420
catctgtata atagggataa aaataatagt aaacaaataa atgtatttct tttgaatata      480
tagtagtatt ttaaaaatca gataactaga attatataac tctatgtgct ttatttttta      540
cttgtttgct gggaatcaaa gagcttagtt ttgttttttg ntntttgntt ttttttgaga      600
ccggagtctc gctctgtcac tgcactacag cctgggtgat agaatagata tctgtctcaa      660
aaaaaaaaaa aaaggaaaaa ggatgaaatc acacttggag caaaaaaccc aangcatatt      720
taaagatttg ngatttgggt taa                                     743

```

<210> 3944

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3944

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agtnntnnnn natnggaaac cnttatggct nggcctactn gttctttttg caggagccca      60
tcgattcgaa ttccggcgga gattgcncat tgnttttata tgtaagttgt ctttatcagt      120
ggttctcaaa gtgtgggtccc ctgctagtat agnttcagcc tcacattgga actgggtaga      180
aatgcagact tctcaggatc cacctaattg cagnagttaa ttttaacaag cccttcgggtg      240
atcctgaaac atgttacagt ttgagaaaca ctgctataat acgtgtcatt tnaaattgnt      300
tcaggttgtg ggggtaggga ataagactac caattttatt atcttctgtg caatattacc      360

```

tgtttaccta	actcttagag	atattaanan	atgttgaaga	atgtgtccca	tgagattata	420
atggaactga	caaattccta	tngettagtg	atntcatagc	tgncatgaag	ncttantgct	480
gtaccttact	catgtgtntg	nggtggngat	ngtgtacaca	aatcttctgc	actgccagtc	540
gnctgaaagt	atagcacatg	gocgggocg	gtggnacacg	cctataatcc	caacactttg	600
ngaggcttga	tgacagcaga	tcacaaggtc	aggnanattg	agaccatnct	ggctaaccac	660
ggggaaaccc	tgtctcttct	anaaatncca	aaattagctn	ngtgtggtgg	cncacgtttt	720
gtaatcctgg	ctacttggan	gctgaagcac	caga			754

<210> 3945

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3945

agtnnttnt	nnatnaactn	nttgetggct	acttgttctt	tttgcangat	cccatcgatt	60
cgtctcaccg	tgatcaagtt	gaggggnttn	cggtccctt	ctacagcctc	agaaaccaga	120
ctcgttcttc	tgggaacctt	gccactccc	aggaccaaga	ttggcctgag	gctgcactaa	180
aattcactta	gggtcgagca	tnctgtttgc	tgataaatat	taaggagaa	tcatgactct	240
tgacagcttt	tctctcttca	ctccccaagt	caaggggagg	ggtggcaggg	gtctgtttcc	300
tggaaagtcag	gctcatctgg	cctgttggca	tgggggtggg	acagtgtgca	cagtgtgggg	360
gcaggggagg	gctaagcagg	cctgggtttg	agggctgntc	cggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tgggtgcttt	gaggacattc	tggaaaatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaactgtt	ggaccgactt	ctggccccctg	600
ctcaacactg	acccctctga	atggtnggag	gcagtgcctc	agtgcacaaa	aatccaccca	660
ttantggatc	ggnncttatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gnngggaatc	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnnt	tnntctttg	ngcctaagtc	ttggctactt	gttctttttg	caggnaccca	60
tcgattcgaa	ttcggcacga	ggacttgatt	tggtaatgaa	aggacaaata	gctttcataa	120
catgaacata	caaaaataga	tgttttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtaa	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatgtt	240
aatagtttta	ttagttagat	atgttaggta	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	atgttggtat	ggttgctgac	ttttaaatgc	tgtttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcatcttt	420
tacctaagtc	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttggttt	480
gtaatcaaat	gaatagtcc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattgggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gnctttttaa	atgtccaagg	ttccaataag	tttaaagtgt	attagtggnc	720

ttctacat ttt gatcagtaat gnagatggc

749

<210> 3947

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3947

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agagnnnnnnn ttttgactcn tantggctgg ctactngttc tttntncang nngcccagcg      60
gttcgaattc ggcacgaggt ccatctttgt agctgacatg acacatttta aaaatttcac      120
attaaaatga aggcacataa tggctccatt atgtctttta gagtggctctg gccagctaa      180
ttgcatattg aaatacatta gatttgatcat aaattacttt cctttattgt cttttctgtc      240
aatcttagga cattaaatgt atatgtttga aattgtgttt aggtnggtta tctgagcatt      300
tggttcatat agtaaagaga gtgttataag ttcactgtaa gcccagggg ctttgggact      360
natnnggttt anaacattgc actaggggaa atgaattgtt aaggnatggn acttctctan      420
actaatgant catctgantt aatacttttc atgtgaagca tttttaaaga aagcaaacca      480
gcctgggtgcg gtggntcaca cctgtnatcc cagcactnng ggaggcagan gcnggctgga      540
tcacgangnc aaganattga gacctnctgn ccaacatggt gaaaccctgg ctctactaaa      600
aatacaaaaa ttagctgggc atantggtac ntgcctgtag tcccagcttc ttgggangca      660
nagcaggaga attgctttga cccgggaatg gaggttcant gacccaaata gcgccactgg      720
ctctacctgc acaaatgaga t                                     741

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<210> 3948

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3948

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cnntttaatt ccatcagctc ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggggtgctt ctgtatatcc tgacaacagt ggccagccat taaagagttt tgagtgggg      120
aactggattt gtgggttttag aaagatcatt tggcttctgt gtgaaagagg ccaaaaccag      180
gagcagaaaag accagttagg aagctgtgac agcagttgag agacgatgtt gtcaaagtct      240
gcagcagaac agaacagggg tgacccaca tggacatcat ctctgctctt cagtcacctg      300
tagtgcagag ttttgaagta ggtctgagca tggaaaccgt agtgggtggg aaggaaatgc      360
catttgccata tgggggtgatt aagatctttt ttttttctct caggcggagt ctcgctctgt      420
ccccaggct ggagtgccgt gacgtgatat cagctcactg cagcctccgc ctccctgggt      480
caagcaattc tcctgcctca ncctcccaag tagctgggat tacaggcgcc caccaccag      540
cctggctaatt ttttgtattt ttaanngnnn annnnnnnnn nncctntntn ntentnnnnn      600
nnnnnnnnntn nnnnnntnnn tnntttnttn nnnnnnnntn nnnnnntnnn nntnnnnntn      660
nnnnnnnnnnn nnnnnntnnn nnnnnnnnnn nntnannnnn nnnnnnnncn nnnnnntnn      720
nnntnnnnann nnnnnnnnnc ntntnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnna      780
nnnnnnnnnnn nnnnnnnnnn annnnnnnnn nntnnnnnnn ttannnnntt nnnnnnnnnn      840
ntnntcn                                     847

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<210> 3949

<211> 743

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3949
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 catgcgattc gaattcggca cgagcccacc ttctctctct cattgtctga ttgaaagcac 120
 caggtctccc acattgcttt catctttgtg ctgtttgttg tccctttcca tatctgtatt 180
 tatgctacct gttagggtc ttgccgaagc aggggtggga acaagaacca cagatatact 240
 tctgtggttt gtgaagcatt gtgtggaggg ctgtgtacac agagtacctg gggcagttgt 300
 cacagccact ctgtgtggtg gctgtactg tgcccatctt agaaatgaga aggctgaagg 360
 acccaccag ggccacacag ccagtatacc caaaagtcac acatttgtac tctgttgctg 420
 tctctgtcc tatagtacca cgcactaggg ctctgtcca tgtgcgtaag aatgaccgcc 480
 tanccgtcaa taagatgac agcaagggtca cacggcatgg cttaagtctc cctttgcta 540
 ctgcatgatg atcccggtg gccagcaagc agctggaaga ggaggatggc aggtaacggc 600
 tctcatctct caccactaga tgatgctna ctcatctac catgctgggc caccccaacg 660
 ttttcttgcc acctatggtc ttttgtancc cgtgacagcc actgtttgac ttcacgana 720
 cttnttgcgc aacaagcacg aaa 743

<210> 3950
 <211> 740
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (740)
 <223> n = A,T,C or G

<400> 3950
 agtnntnnnnn tntgaagcct ctaangcttg gctacttggt ctttttncag gacccatgcg 60
 attcgaattc ggcacgaggg cagatgtntc tggagttcta ccagaagaag aagtctcgct 120
 ggccattctc agacgagtgc atcccatggg aagtgtggac ggtcaagggt catgtggtag 180
 ccctggccac ggagcaggag cggcagatct gccgggagaa ggtgggtgag aaactctgcg 240
 agaagatcat caacatcgtg gaggtgatga atcggcatga gtacttggcc aagatgcca 300
 cacagtcgga ggtggataac gcgtttgaca caggcttgcg ggacgtgcag ccctacctgt 360
 acaagatctc cttccagatc actgatgccc tgggcacctc agtcaccacc accatgcgca 420
 ggctcatcaa agacaccctt gccctctgag cgtcgtgga tctctgggag ctcccttgatg 480
 gctcccagac cttggctttt gggaattgca cttttgggcc tttgggctct ggaacctgct 540
 ctgggtcatt ggtgagactt ggaaggggca gccccgctg gcttcttggg tttgtggttg 600
 ccacctcagg tcatcctttt aatctttgct gacngttcaa tcctgcctct actgtctctt 660
 cataccctgg tgggggtccc cttnttttct ccatggacag aanaccacca ctggggatgg 720
 ggaattaaag ttganaacat 740

<210> 3951
 <211> 744
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (744)

<223> n = A,T,C or G

<400> 3951

gagnnnnnnnt ntnttgttnc	taatggcttg	gctntngttc	ttntntncagg	ctcccatgcg	60
nttcgttcaa tagcatgtta	agtagatatt	atctgacaga	cctacaagtc	tcacttatcc	120
gngacatcag acgaagagg	aaaaataaag	ttgctgcgca	gaactgtcgt	aaacgcaa	180
tggacataat tttgaattta	gaagatgatg	tatgtaactt	gcaagcaaag	aaggaaactc	240
ttaagagaga gcangcacia	tgtaacaaag	ctattaacat	aatgaaacag	aaactgcatg	300
acctttatca tgatatttnt	agtagattaa	gagatgacca	aggtaggcca	gtcaatccca	360
accactatgc tctccagtgt	acccatgatg	gaagtatctt	gatagtaccc	aaagaactgg	420
tggcctcagg ccacaaaaag	gaaacccaaa	agggaaagag	aaagtgagaa	gaaactgaag	480
atggactcta ttatgtgcag	tagtaatgtt	canaaactga	ttattcggat	cagaaaccat	540
tgaaactgct tcaagaattg	tatctntaaa	ttctgctact	tgaataactc	agttaacgct	600
gttttgaact tacatggaca	aatgtntagg	acttcaagat	cacacttggtg	ggcaatctgg	660
gggagccaca ctttcatgaa	ntgcattgna	tacaaaattc	anagttatgt	cccangaata	720
ggtttaccat gaaaccccat	tnnc				744

<210> 3952

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (764)

<223> n = A,T,C or G

<400> 3952

agagnnnnnn ntntntttgt	ctncctaant	ngntgggcta	ctngttcttt	ntncaggat	60
gccccatgca ttcgattcg	gcacgaggct	cattccagct	ggtctatcgt	gggcctcaca	120
aggtgaagag ggaccgcatt	ctggggccca	cgatngacca	cctgtagctn	attccatcct	180
gnaccttgna tgaggggtag	cctcccactg	catcccatnc	tgaatatnct	ttgcaactcc	240
ccangantgc tnatttaagt	gttnataactt	ttnagagaan	tgcgacnatn	caattgtgag	300
atctccnct gccattgcc	tgntngnagg	gcacctctnc	tccaccnnna	tgganngggn	360
ngcagctnaa nggccctnan	acgganctgn	tttcatnaag	atnacattac	acngagnnga	420
gctaactggc ctgnatngaa	angntnntta	tgancnaagn	nacaancttt	ttaanngttc	480
ctganannac ttgngncnct	agaacaatag	antgtccaat	tacaaagatc	cncacntgat	540
gcnatacntt gatgagcttg	actacaccnc	ngctttaatg	caannmcaaa	aantgccctn	600
tttngnaaat mnnacataca	tncgttttan	gantaacat	ncanaaagtt	gnattanacc	660
angttgaacn ccncaatgnn	ccttcaattt	taannggcta	ggntnngctg	anggtanagg	720
accgccnnt nttgtttgct	cggccnggna	atgggattgg	ccct		764

<210> 3953

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 3953

agagnnnnnn tttttttntc	nactaatgct	tggtactng	ttctttctnc	aggntcccag	60
cgattcgaat tcggcacgag	gtgatgctgg	tgatcaatgg	actggaagcc	aacagcagag	120
acttagaccc aagaaggag	cttgaggtag	aagaaaactt	cagggtagac	aggaaggagg	180

```

cgtggtgaaa gtgatgaaag gggagagtag aaggggtggc cagggtcaga cagggagtta      240
gatttaatcc ttcagggcac tttcattaca tcatagctgc cattttgtct tttatctgac      300
tcaataataa gtcagtaata agtaatgttt taattaaagg taaatgcttg gcaggtaggt      360
taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg      420
tctacttgaa atatatattct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt      480
ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac      540
cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa      600
aacatttctt gganctgcct ttaaataata ataataatac cttgtataga tacagtgtct      660
tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc      720
nttttgaatg cttagatatt tcttangg                                     748

```

<210> 3954

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3954

```

agagnnnnnn ttttttntc naactaatget tggtactnng ttctttctnc aggnctccag      60
cgattcgaat tcggcacgag gtgatgctgg tgatcaatgg actggaagcc aacagcagag      120
acttagacco aagaaggagg cttgaggtag aagaaaactt cagggtagac aggaaggagg      180
cgtggtgaaa gtgatgaaag gggagagtag aaggggtggc cagggtcaga cagggagtta      240
gatttaatcc ttcagggcac tttcattaca tcatagctgc cattttgtct tttatctgac      300
tcaataataa gtcagtaata agtaatgttt taattaaagg taaatgcttg gcaggtaggt      360
taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg      420
tctacttgaa atatatattct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt      480
ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac      540
cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa      600
aacatttctt gganctgcct ttaaataata ataataatac cttgtataga tacagtgtct      660
tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc      720
nttttgaatg cttagatatt tcttangg                                     748

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<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3955

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agagnnnnnn ntgttnnct acttnatget tggtctttgt tctttttgca ggctcccatc      60
gattcgaatt cggcacgagc gcataaggaa agctggaaaa taacctataa ataattggcaa      120
aaaaaaagca aacaatagga agaggaacta tataaaagga acatttggag catagaagag      180
agttcatgga aatgtaaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta      240
agggtgaagag ggtcatgaaa gcattctanaa ntaggaggga aagccagtca aattcacagg      300
atgaagtcag gaagataata gagcantgcc cgcangatcc tgagggaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccctttgaa catattcagg gcttcaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc atcagtggac ccagtnaata ncanatcagc ctaggataag      540

```


atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaa	600
acacctgatc	catattggag	tgggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3956

agagnnnnnn	nttgttnnct	acttnatgct	tggctcttgt	tctttttgca	ggctcccatc	60
gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	120
aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggtaaagag	ggtcagtaaa	gcatctanaa	ntaggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgangatcc	tgagggaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gcccttgaa	catattcagg	gcttcaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggtg	ccagtnaata	ncanatcagc	ctaggataag	540
atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaa	600
acacctgatc	catattggag	tgggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3957

agtgtnnnn	tttaatccct	actaatggct	tggctacttg	ttctttttgc	aggnacccat	60
cgattcgaat	tcggcacgag	aagagaccat	catctcatca	aagagagtta	aaagtaggga	120
tggtctctgc	aaggcctctt	ctgatatgat	taattgattg	ttaaattaagt	aatcaaggca	180
tactttgttg	atttgtcata	tctgggtaaa	aggtttatgg	tttattttaat	aaatgaaact	240
gcaaaatcag	ttttctacat	ttctgttata	ttttgtttaa	agcacttaaa	agaatttctg	300
ctctgtccag	gggcaagatt	cttgccaaga	gaattaatgt	gcgtattgag	cacattaagc	360
actctaagag	ccgagatagc	ttcctgaaac	gtgtgaagga	aaatgatcag	aaaaagaaag	420
aagccaaaga	gaaaggtacc	tgggttcaac	taaagcgcca	ggtaagaatt	tgggtgtatat	480
ttcattgggt	ctgagagcac	tttaagggtg	agatttaaca	catcacataa	ttattntatt	540
cccttttttt	ttcctttaat	agcctgctcc	accagagaa	gcacactttg	tgagaaccaa	600
tgggaaggag	cctgagctgc	tggaaacctat	tccctatgaa	ttcatggcat	aataaggtgt	660
taaaaaaaaa	aaataaaggg	acctctgggc	tacaaaaaaaa	aaaaaaaaaa	actngagcct	720
ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3958

agngnnnnnt	tgatccttnc	taatgcttgg	ctcttgttct	ttttgcagga	cccacgattc	60
gaattcggca	cgaggtaatt	tgtaaattct	gtggtacttt	tcaaagtgtat	atcattttact	120
gagtcctgatt	atcacacggc	ctggcatata	ataagtactc	tataagtatt	ggctgatttc	180
taataggtct	gaaaatttat	cctttagaat	ttttcttcca	gttggttttag	cgagtttccc	240
tttgatgttg	aaaatgtttt	tttttaaaaa	tctaacctag	accatcccaa	atcatgaatt	300
actgttgtgt	gaaacagtga	gactactgtt	tttatgccac	aggtttataa	ttatgcaaat	360
aaatactaca	tctttgcatt	cattttgggt	ttacttaccg	aattttcatt	ccaggaatgt	420
ctgaatctga	acaggctctt	aaaggctactt	ctcagattaa	attactctca	tctgaagata	480
tagaagggat	gcgacttgta	tgtaggcttg	ctagagaagt	tttggatgtt	gctgccggca	540
tgattaacca	ggtgtaacta	ctgaagaaat	agatcacgct	gtacacttag	catgtattgc	600
aagaaattgc	tacctttctc	ccctgaatta	ttataatttc	ccaaagtctt	gttgtctcca	660
gaccttattg	ctttaaaata	taataatgnt	ttcattactt	ttattatttg	gaatgattta	720
gtaaaagttg	actgaatctg	ggt				743

<210> 3959
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3959

agagnnntcn	tttaatctna	ntgnactctt	atggcttggn	tactcgttnt	tnnnnaggca	60
gcccattggn	ttccaatncc	gcacgaggcc	aaatgcactt	ttgtgtatcc	naagnaaaaa	120
gangagaggn	ctcggatgac	catgcttagt	taanggggag	ggtgaccttt	natatgcaag	180
tnngggaaatn	caganaaagt	gaaaggggnc	canaatgaaa	acacatgaaa	taagataagc	240
aganatgaaa	ngnggcnceta	gaactgtaag	aagcatttga	acaggcanaa	cagtgtctgga	300
gacttttagga	gagggctcaa	gctgccatgt	ggccggctct	caaatagttc	tagaatgact	360
agcatatctt	tttacaaaac	tatnagcaac	ttgagggcaa	aaataaaagtn	tatttatctt	420
gcatccngaa	naataaacnt	ggtgctnngc	attnggtagg	tnnnctttat	gngtatatat	480
gaaaagcata	ttttcatttt	attagaacat	tgtggtaaaa	attctattga	aaaccatgct	540
ntaatgtaga	tagctcnact	tanttcggan	gttccaaact	ttttngttca	agtncccat	600
tatgtctcta	aaattgggtct	gccagtctaa	aatacttant	tnatgtnggt	natgtctatc	660
gatattttacc	atttnagaaa	ttaaaactga	nagatttgaa	accattnttt	naaacctta	720
catgntaaca	taaaacgtat	ttt				743

<210> 3960
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (726)

<223> n = A, T, C or G

<400> 3960

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cttatcttct aatggccttg ctactngttc tttttncagg atcccatgcg attogaattc      60
ggcacgaggt gaccaccact ccattcttgt ctctgtgtt ctoggttcag accaccaca      120
aaggcagctt caaagccaaa tctcaggaa gggggatctg ccgggctag ctagtcacgt      180
gtcaggcaca gtcagctctg ttgaggggtg tgcagtgagg gctcagttag gccacagagc      240
tcagatgttg ctatgaagac tcttggttg tgggggatgg cagttctcac agatgagagg      300
tatggatggg ctgggtgcaa tgactcagc ctatgatccc agccctttgg gaggccaagg      360
tgggcagatc acttgaagtc aggagttoga gaccagcctg gccaacatgg tgaaacccta      420
tctctacca aatacaaaaa aattangtgc ccattggtgt ggggtgctat attccagct      480
cccaggagac tgagcangag aattgctcaa acccaggagc ttgaggttgc agtgagtcaa      540
natcacacca ctgcnctnca cttgagcgac agaataagac tctgngttaa caaaannaaa      600
aaaaaaaaact cgagcctcta naactatagt gagtctgatt acgtanatcc agacatgata      660
agatncttgg tgantttgga caaacacac tagaatgcan tgaaaaaat gcttttattt      720
gggaaa                                           726

```

<210> 3961

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A, T, C or G

<400> 3961

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agngnnnnnn nnttntctta tntacttaat gcttggtac ttgttctttt tgcaggctcc      60
catcgattcg aattcggcac gagctgagtc tcttataga tgaggcagca gaggcctttt      120
acaaatacct ctcttggttc agttacacaa gtcataattt actgagcacg atggtaaaat      180
cctttaaaaa tgtagtaaaa agaacagagt atgcatatgc aaaggaggag attggggaaa      240
gcaaattaga agtctatgca ttctgtagac agtgaaagct gggtcaagca gaatgaataa      300
gaaagtaatt taaaaagaag gcatcactta ttgactaagg tcaaacagga ggaatacaca      360
taaaaaccag aaactaactt caagcagaat gaataagaaa gtaatttaaa aagaaggcat      420
cacttattga ctaagggtcaa acaggaggaa tacacataaa aaccagaaac taacagcaat      480
tatgatgata atattccaaa aaaaatcttg agtgaagaag aagaagaaga agagtaatag      540
caaacccttg tgataataag tgccaggtgt gtagtatgtg ctgctattaa agtaaatgga      600
tggtcaatta tttaatttat aattctggnt tcatggatag tctttaagg gaagtgtat      660
tttgatgttc atctttacat gtgaagaacc ggttaagaga gattactgat tctccanggt      720
cactcactga tgggtggtgg naattgg                                           747

```

<210> 3962

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A, T, C or G

<400> 3962

```

agngttnccn tannaactcn tgaaangctg ggctacttgt tcttntnca ngnggccat      60
gcgattcggg aaccaggggc tgcagaacct ttccctccc aatgaggacc ccctctggac      120

```

```

gcccctcccc atggagaaca ccaggagcca cagaccccag accacagagc acacagggga 180
gggcacgggg cggccggggc aggggtgtctg ctgcctcggt tatgggattt gctccgcgtc 240
tagcacactg ctgcctgcag tgctcctgtc ccctgcagtg gctactctgg gcctacgggc 300
ctaactctgg ttggcatgaa aatgtcctga ggctactgtg acaaatttcc acaagctgag 360
tggtctaaag gaacacattt gttctcttac agttgcaggg gccanaagag tctaaaaaca 420
gtcagcaggg ctggttcctc ctggagctta gaggggctga atccgtttcc tgctttttt 480
agtatctgga gggcgctgc atcccttgc ttatggcccc tccatcacc aaagccagta 540
gtgtcacatc tttcactctc cctgacctga ctncgccttt ctcttagaag gacctgtgt 600
gactttggac tactagataa tttagggta tctcttcatt tcaggaacct ggaatttaat 660
cccacctgca agtncctttt gccaggtaag gncacaaatt cacanggtct tgaagatgaa 720
agatgttgga ccctttttga gggncatgat 750

```

<210> 3963

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3963

```

tnttcatctn gcnnttggnc ttntngcacg atccctcgat tcgaattcng cagagacac 60
attcttccat ttgtcagtaa gagtaataat ttgactgttt tattggattt tagccttttt 120
gatttcatat agctgtatct taatatatca ttgtttttta tatgtctaca ttgaatactt 180
attacttgtg caatgaaaaa taataattaa agatgaaagt taagcctgtt accactttca 240
gagaacaacg tgacgttttg gaatttaaaa ttttttcagt agatttgaga aaaacttggg 300
ttaaagttaa gatttatgct cagaactgag attccagggt ttaagtctgg ttttaagct 360
gtcttcaaga ttttaagtga ttttctgtgt gtataggatg ctctcatttc tgttttttaa 420
aatgaaaggg atcgctcctg taatcccagc actttgggaa ga 462

```

<210> 3964

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3964

```

ccccctttnt ataccntcc tntactnngn tctttttgca ggatcccatc gattcgtttt 60
gtcccaatat ttgtgacacc agtgtaatga cttgggttaag ttgggttgac caggttcctc 120
cactggncag gttatacttt ttcattctgt aattaatgta tcgctatata ttttatatac 180
tttgaaactg taaacatctt gtccctcatca aaccttcacc tactaatttt agcagtcatt 240
gctaattttt taaactccca ttctttctac atttagtagt tggcattcta ctataaggaa 300
gaattttccc tttttcctta tttgtgtata cttatttatt aatatttatt atttattaat 360
atatatgcaa gtatagacac ttgcattctt attgtattca gtggattatg atccattgct 420
attttctgtt tgggctaaat tgtcccatat tccatcagtg ggaatgcctt caagttaact 480
attgtgtgcc tttgacatgt gcccaacatg gtgaaaccca atctctactg aaaatacaga 540
aaaattacct tagcatgggt gtgtgtgcct gtaattccag ctactctgaa ngctgagtgg 600
ggagaatcac ttgagcctat aaggcanang ttgcaatgag ccnagantag cgctactacc 660
actncancct tgggtgacag cgtgagaacc tgtctcaaaa aataaaaaaa gaaaagagaa 720
aaaggaaaaa aaaaaaaaaa aaactcnacc ctctanaact atagggggagg cggtattacg 780

```

tagatccaga catgattaag anacattgat gagtttgggc naaccnct

828

<210> 3965

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3965

ttnattccat	cagctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagat	60
agtaaattag	tcatagaaag	gcaaactcaa	ataactttga	acacagctct	ttgactatcc	120
acctgtgtgt	aaacaaacaa	aactacaaag	aaatttttgta	cttcacttag	ttggtagtga	180
tctggtatag	caattctgaa	aatattttct	gtgtattgta	ggattaaaca	aataagtaaa	240
tataatgata	ttcttgggag	ctgggatcct	cactatgaga	gaagaaagat	aaaaatatgg	300
agtgaaggaa	ggcaaagaag	agctccatga	attggaatga	gagattccac	agattactta	360
ttaattacaa	agataaaaaa	ggaaccttta	tagtggagaa	acttggaaac	ttggtggata	420
acacaacttt	tcgttttttt	ggagacagag	tctcactccc	tcaccagggc	tggtctcaaa	480
ctcccgacct	caggcgatcc	acctcaaagt	gctgggatta	caggcatgag	ccctgcgcca	540
ggcctatttt	taaaaatcag	atctctcctt	tgctccaatg	tttttatcat	ggaaagagac	600
aaatcactca	tattttcttt	ttncagacaa	tactgctttc	tgtggtgtag	cccaaaagac	660
tcgtcttttn	catgttcagg	taattttatc	tttgggagag	cactgtaatc	atatatcaat	720
cgtatttttna	aagtgacttt	attattttaat	gtcaagaagt	nccttggttn	tgaaagtagt	780
tttttttaat	taaaccgcca	ncagatcnat				810

<210> 3966

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3966

ggnnnccctt	ttgaaacccc	ntaaagctac	ntgntctttt	tgcaggatcc	catcgattcg	60
gaagaaactc	ccatgaagtt	caaaggagca	gcagatatgc	aggggtgcac	tagaaatgaa	120
aatctgaccc	tttgctccctc	tccttttcat	ctctcttttg	tacaggcctt	ctttccttct	180
gtgcaaacag	acccttgtca	tagtcatagt	ccatcacgct	gttaaagat	ttccagcaact	240
gctctatgat	gtgctgtaat	ttcaggaggat	agttttatctt	ctacaacatg	ttgctctgta	300
gcacgtgtat	ttcactactg	agtggtagtt	ctaattggaca	tattcttaac	aaaatagtcc	360
cagcattaca	gaatactagg	ttagaataca	tacccaaata	aataaaatgt	tacagacaca	420
gtccaagctc	gttctctcct	gacttncctt	ctcccgtac	agaggaaaat	taccccgaaat	480
tggcacatct	cattcctatg	cactcttggt	aaaaataact	tatagtttgc	ttctgaattt	540
atagaaatgg	gcactataat	ccatattgtct	tttgaatctt	tatacatttg	atttggagaa	600
agtattttatg	tttgatgcc	tgtggcttta	ggncattttat	tttaattttg	gttatttttt	660
tgagatgaaa	gtctcggtct	ggcaccagag	ctnggagtg	aaatgggcac	atgggaacct	720
ttgnctccn	tgggggttcna	agcaanttct	ggtcttcata	cctgtaantc	ccancacctt	780
ttaaagaagg	cccnanggcg	nggggaagg	atcaatttgn	gcccccttgg	aatttttgag	840
gaccnagccc	tggggct					857

<210> 3967

<211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 3967

ttccatcaag	ctcttgttct	ttttgcagga	tcctctcgatt	cgcttcagac	ctgtgtttta	60
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cttagtttcc	tcatcagaaa	agtggtaagg	atgataaagt	agttcataaa	cattcattga	180
gcactaagta	tttgcaagat	actggaggta	taaagatgaa	taaaacactg	ttcatgtctt	240
tgaagacttc	ctagtcaagt	ggtgaaatta	aacataaaaa	caggacattt	taatattacg	300
tgcaaagcac	atagtgggca	atgtgttggt	ttgaagaagg	atttttgagg	aagtgggaagc	360
tgaactgcag	tttgtagaat	aagtaagagt	ttagtcaggc	aaagcagata	gacaagggtca	420
ttttgggtgg	agcgattaat	ataggcaaag	tcatgcaatc	atgaaatagc	atgatatgta	480
tgtgaaataa	gagtactttt	gcattgtagg	ggcattaaac	aggtgagcag	tcactggaga	540
tgagattgga	atggtgggca	gggcctaagt	ccctgagctg	caatgtcatt	gaagctgagg	600
acattgagaa	tttaaagaga	tagagtgagt	ctgnngcctt	tgctcataac	tctcattttg	660
aaagactaat	gtgtgacatn	ccacatttta	ggggtaggaa	ggcntactgg	aaggattaac	720
ccaaagtgg	ntagaaactg	ggagaaagan	naacnccctc	aaaaagtgc	ttgagagcta	780
aattaattga	atgtggcttg	ggaaggatca	at			814

<210> 3968
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 3968

gattcccata	caagctcttg	ttcttttttg	aggatcccat	cgatttcgaat	tcggcacgag	60
ggaaaagtaa	agagatcaaa	atgattttat	atgtattttt	tttgtactca	gagaattaca	120
ttttcactac	ccccgcctgt	ctcaggggaat	agcctttgat	aagaatccca	tggagatctc	180
tggaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	240
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	300
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	360
ttttatcatg	cttctctgag	attttcacag	aacaaccctg	caatttgatt	ttgtttgata	420
attttgcttt	ttggcttttc	agtgaggact	ctattttcca	ttggaactga	ctcctttggg	480
gataataagc	tttcacttaa	aagaacattc	cattagatag	ttctaacttc	aatgaaccta	540
aaagtggctt	cttaatttga	ataatctgga	taacttttgc	aaatgggtca	aaacagcaca	600
agtattatac	atcaaataaa	aagttcatta	caatatttgc	actcataaag	tcaaaatctg	660
accctgggtc	gctttgtgcc	tctgtcagcc	tacttacagg	ggataaaaag	tncacaccaa	720
gtccagtgg	tgccaangga	gctttgggta	ttagaaaaga	agcctgggtc	cccctcagtt	780
ctatgccggt	gggggggggc	cggggtnggn	ancatggccg	ncatg		825

<210> 3969
 <211> 877
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = A,T,C or G

<400> 3969

ggncnttttaa	acctttgtac	aagcccttgt	nctttttgca	ggatccctcg	attcgaattc	60
ggcacgaggg	aacaaaagca	tacaagatct	tttttnagga	agtggaggag	ctgcagggac	120
cgaccggggag	ctttcccagt	aagcatcagt	tcanaaaacaa	atttaagtaa	agaaatggaa	180
tctgtaatga	aagatataaa	aaataccact	cagaagaaat	atagagacta	tagcaagacc	240
ccggggtcac	cagacaatga	ttttctcttt	atgtactctg	ttgctagaac	caatttagaa	300
cttgaattga	ttcatcgagg	aggcaatttg	tgttcagggtg	gtgcaagcac	agctggcaaa	360
aggtcttggt	taaatacagct	gtttcatgta	ttagccttgc	acatgcggct	ttatagcatt	420
gactctgagt	ataatccctg	gagaaagctc	accagtttag	aagagatgaa	tccacagctg	480
ggatatgaag	aacaacagcc	tgaggttcca	attctttatc	atgatgtaca	tcctttttgc	540
tcacccagat	cttaatgatg	ccacaaccct	tacgcaaaag	accactttac	ctgcattgtg	600
aaggtctttt	taccctactg	tacacacagg	ctcttgacgc	actctcaagt	taaaatgcag	660
ccgaagaaaa	taggggtcagc	cctgggaaac	acccggggag	cctcttcaaa	aaagaagtac	720
cattgtggat	ggccagaaaa	agtctttacc	gaaagtattt	aacttggngg	ccttttggtg	780
gaataaaggt	ggnaacctat	ttttaaaaag	ggaaaagttt	tttcccntg	gaaggaaang	840
gnaccttcag	gggaatgggtg	gccaatnggg	tttaacc			877

<210> 3970
 <211> 912
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = A,T,C or G

<400> 3970

ngncttgunc	cttgaaaccc	ccgncttggc	ggacccatcg	antcgaattc	ggcacgaggg	60
tcancaatan	gcganncttt	tnnatccngg	cgagagacac	gccaataggg	ggnatttaga	120
nacgtggggc	tccannnatt	ttctctgggg	acaagctcat	tccttcctca	ttttctcaga	180
actttgggtg	taacagccng	ttgcctaatt	tgtaggggct	gactttgact	nagcagatgc	240
cttctgnaga	tggaggaaat	aacgacccag	cnccttttaa	ttcaccocaag	ctgaaaccaa	300
atgcgaaccc	ngagcagcct	ggattcattg	acgagccagc	accantgaac	ccacccaaac	360
caaagccaaa	tccaaaaccc	caagccggcc	tgaattccac	cgggggatga	cttttgatct	420
ccacagangg	nntcttcatg	gggaacnaaa	aacaggggan	gntgcactcg	attnctggaa	480
gtgggtatgcn	tcaggagcna	ccgtgnantg	tantncance	cactcntcaa	atncataaac	540
tntgggagan	tccttcaatt	cactgggcaa	ancntatgc	cntaanngct	anncnctgan	600
gggaggctcn	tncantgcaa	aanccaaan	atccaacctn	gggaagaatt	caagtcaaag	660
acccaanaag	gaggccnggc	aatcaagnct	ccttggncac	cgaatcnttn	acangncann	720
gcttacceng	gganggcacc	ntatggcnga	anctctgtgg	ggggcaaacc	ctcgtgggga	780
cctnccntgg	nttccccagg	gggtgcncac	anatattang	cacctnantn	ntttanctgc	840
ccantgngcg	tntnttatgg	aanaaaagna	aatcaaaaca	tgnggganag	ggaaacccan	900
naaaaaaaaa	cc					912

<210> 3971
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (816)
 <223> n = A,T,C or G

<400> 3971

ttgattccat	cagctcttgt	tctttttgca	ggatcccatc	gattcgctac	gaccccatca	60
atttggccta	taacttgaaa	gagaattcta	tcctgctagc	taaagttgct	cggagtgacc	120
agtgagattg	ttccacagca	tgtatattat	aaaacaaata	ttaggcagat	agcttataat	180
gactttttta	tattttattta	ttcattttatt	ttataataag	cagacattgg	gacaagaaac	240
ttctgaaaat	atttatagtt	ctctgaaaga	aggtgtcttc	ccttccttct	gggagttaag	300
gaatgttttg	acaaggaaga	aagatgggtg	aataagagtg	tattgtatta	ataactaaca	360
ttaattgaat	atagaatatg	tactaggggc	tgtaaaaagc	tctttatatt	ggattatggg	420
atttaatcct	caaccttatg	agcctgatgc	tattaatgcc	tctattttat	aaatgaagaa	480
attatgtcac	agaagggtta	ataatttatt	caagggcaac	ttgccaagtg	agcattaaac	540
ccccagagtg	atcctctccc	tangtgcaga	gcaaagttnc	aaggggcttg	gtatgcacca	600
gtctcagatg	attctattgn	gggtggctgc	cagaatcaag	cttgctgtga	aaacactgat	660
tggaagaaaa	aatagtcccc	accagctatn	gctatnggtn	cctgtgcatg	aacctgagaa	720
gaaagccaag	ccgcntaaa	agatgtagag	tccaaacctt	ttgctgcagc	ttccttgga	780
tacgggcatn	tgcacccaaa	acatggntta	agggggg			816

<210> 3972
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (817)
 <223> n = A,T,C or G

<400> 3972

attcanatac	aagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	60
ggaagagtat	ggctcctgaa	cctacacaga	gctctacagt	agtcgcatct	gccagcaag	120
tgaagacaac	gcaaacttca	aatgctcctg	atgtaaatga	tgcaattgtg	aaactattca	180
atgattttga	tgtaaggaa	acctcccatc	atttagtgat	ttctcatcta	gatctacaca	240
tatgtgatga	cattcatgct	aaagaaaaag	agtcaaacag	acgtattact	ggaggggcaa	300
tgcaactctc	ttttacacag	ctaactatag	attattatcc	ttatcataaa	gcaggagata	360
gttgtaatca	ttggatgtat	tttagtgatg	caacccaaac	aaaaaatgga	tgggccaatg	420
agttattgca	tgaatttgag	tgcaacgttg	aaatgcttaa	acaggctgtg	aaggatcata	480
atgtangttc	acctcctaaa	tccccaacac	atgcctnttc	ccagcacaca	caaacagaga	540
aggactccct	ctgaaaggga	catgcagaac	accttcagta	ttatctcaac	aatcaaaagc	600
taagctaattg	tctagtctctg	gtgtgggtag	acttgcagat	ttcaatatat	cccaggctctt	660
ntacagcngg	acaatgtcgn	tctttccccc	aaaaaccatg	atttgctgca	ataaaaaatn	720
cctttntntt	tccacaagaa	aaggtcagct	gtctttttta	gaattcacca	gaatntttcc	780
tattccaaat	gggaaaggat	ttttccaant	tccatct			817

<210> 3973
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (804)
 <223> n = A,T,C or G

<400> 3973

attcnaatca gctcttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagcaa	60
agccatatac tgggtgaatat atactgggtc aagcaccaca tgtagtttt ggaatgtgta	120
tttcccagcg aatagaattt actgctccaa aaagcttttt tggcataaat cacaatactt	180
acagaaatat aattgtatca ttgaaaaaaa caaagctcac cttcctaata atacatttca	240
caaactgcac attagggcaa tttcttactt atgaggaggt caaagaaata ctctgtcaat	300
atagtataac tgcttatttc aaattgtatc taggaatgaa taactactat tattttaaagt	360
actactgaat tttgaggaac tgatcaaaga attagtatta ttaataaaat tgtactattt	420
gcaatatatt tgcttggca caaatgcaga gttaaaaaca taaaattata aaaaaaata	480
atagtgattg gttgttacta ctttaaaatc ctactaattt ccattagcac taaatcaaac	540
agcacttatac tggtgtatac aagtaaaatt ttgaaagact cngacacaaa atgaaangct	600
ttttaaaaat gtctttgcca taacanggtat tatgaccctt tgctaattgg tatatttcct	660
tangggcact ttgaggctct ttcaaaagac atctgcgcaa ttagggttga aattagaagt	720
agaaatattt tggcngatnt ttactatntc acaaaaaggc ctacctactg gntttataat	780
aaaanccaat tctcaagtnt tctn	804

<210> 3974

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3974

ttttgaaacc catcanctct tgttcttttt gcaggatccc tegattcgtc cacacctcac	60
gttcagtcac agccctcagc tatcttccct ccggccactg ggctacctct ccttcagtc	120
cagaagacaa gtctaccaa cccagggagt caaggaccag caaaccaaag tggataatgg	180
actttttcat tctgttttt cttggcagga gagaagcaag gccactaaaa gaggagatgg	240
tggagacgga ggctcagcag tggctctgag gggtaaagga cttagatgcc cagatgaaga	300
gggaaagctg acatctgcag ggaaccact ttgaggctga ggccatggca ggacagctgc	360
tgtggggtgc agaggcagaa gatgaaattc ttagtgatcc agaggttctt gcagccatgc	420
aggatccaga agttatgggtg gctttccagg atgtggctca gaaccagca aatatgtcaa	480
aataccagag caacccaaag gttatgaatc tcatcagtaa attgtcagcc aaatttggan	540
gtcaagcgta atgtccttct gataaataaa gcccttgctg aaggaaaagc acctagatca	600
ccttatggat gtcgcaataa tacaaccag tgtacctctg ccttntatca aganacttgg	660
gtgctttgaa nataatcctc ccttttccc caaatgcagc tgaacattta cagtgggttg	720
ccttagggat tcattcaata tgtttcctac taggaatcca actttaacat ttttaatctc	780
aaatattat	789

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (871)

<223> n = A,T,C or G

<400> 3975

ttcccataca actacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt	60
tgggcttaga agatggggct gagtagggag agagggtgct gcctgggagc tgagccatac	120
aagtgactgc acaggttgac atggaggatt aggtggagtg aggcttccaa gcagggaggg	180

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gaatgatggg ggggccc aaa tgaggagcca catcgaagta gatgagagaa tagaagggtga      240
agtaagggct ggcgttgggt agggggagac gccagcagtg atgctgatgc ccaggctgta      300
ggtgtatagg tgccatccac ctggtaaaga gagagctgta gcgcaggaat gaggttgcac      360
atgtagaaga aggggaaggat acaggggaga gaagtgtctt ctagtctctaa aaaacagcct      420
gtgggctggc atggtggaac aaacctgtaa gtcccaacac ttcgggagggt caaggtaaga      480
ggatcatctg cttgacccag gagttcaaga acagcctagg caacatagta agatcccatn      540
cctacagaaa aattaagaaa ttagcccgga tgtcgtggca cacaccttgt tgtctcanct      600
tacttgggga ggcccgatct tttggagccc cngggaagggt caaagtcttc caatgaccnc      660
cattgatctt tgcccacttg gactttttaa ccctggggcc aacttgacnt gnccaaccat      720
tgtnttttna aaaaaaaaaa aannnnnnnn naacttcgaa gcccttttta aaaacttttt      780
agtnagagttc cttattttacc cttanatncc caacccttgg ttnaggatcc catttgattg      840
aattttggga ncaaaacccc caacntttgg a                                     871

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<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3976

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naaanaaaac ncttttnaaa ctaccgggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggcc taaagtaact gaagatccat ctnttcgtat acgtgcaagt cacaagggat      120
gcgatggctt ggcttgggct cagaggcctg acactagtta ttataaaatg tactttcagc      180
agtcttctgg gacttgacta ccttgtggat tgtactagaa atgtcaggta tggtgactgc      240
tctgccacc actctaaatg aaactgtccc cccacagtct ctgttgccca ggtgtcctat      300
gtccctcgtc acagctgaat ggaccaaggc agatgtgcta tcaaggacag ccaatcacia      360
gtgagcagta atctctgata tgctttgggt caaaaagctg agttgagtca acagttatatt      420
aaatttgtgt gcagtcactt ccgtttgctg gggaatggcg tggtgaggga agattgatatt      480
aagttacctc atatctgggt tacatggata tatatcctac agttgcttaa aatacatttc      540
angattcttt ggtttgcagc atgtgttttg gaaaggacag ggagaggaaa ttaagaagtg      600
gagtgaatc caaggacctc tcacctgcc aaaaagtgac gggcttctgg tgtcaancag      660
gtgacagctg gcaaggcttt gccctgangg tcgacagaca aaacaagcan tgcacatagg      720
gaagacacaa gcaagggttg agctcnttgc catatanagc tgcatgnaaa agcttaacn      779

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<210> 3977

<211> 1005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1005)

<223> n = A,T,C or G

<400> 3977

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gatcttctgt catttgcttt tctgagtttt ggccctcctg tcaatctatc tggtcggggt      60
tacttttctn catcttcaag caggggtgtg tcttcaagca tgcagtgtctg tgntttgatt      120
cggaattgat aagttataat agaagcatga gctgctggga aaatatacct cctgatttgt      180
gtggntttat ttgttcatct tgcaggtttt gagtagtttt tgggtggatgt gttgggagat      240
ttnaatgtta cttanctggg attatctcta ctactttggg ggtcaatatt gaattttttc      300
actgaatccc agcccaacac tntntttttt tttggcncta attncntcga aaaaaaatgg      360
ngtttggatt taagaataaa gangaaaagt nntgggtttt ttagccaggg ttcttgtcct      420

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ancaggaaaa aggccttttgg ttccttaaga aaccccatan ccaatttggg gaaattttta 480
aaatttnaaa tncaaaaagg ccctttatat ttattgggaa aaccatcctt ggccttaata 540
attnaattcc nggcnaaatc ctgggaaaat gggaaaaagt ttaggaattg gaaaaaaaaa 600
aaaagnaccc nccgggntnc ccaaccaa ataaaaatccc ccccccaaa aaaaccangg 660
ccatagaccc cacctctggn aaatttcnaa aangggggcc ttaattaat aanggggggg 720
naaaaaanat ttttcagncc ctnttgaaa cccntttggg gngggcccg natttacng 780
tnanaaatnc cccancctt ggaattaagg aatncatttn ggggtgganan ttnggggcc 840
aaaccccnna acttnggaaa tgccaaagg gnaaaaaaaaa angccttta tttngggnaa 900
aaattggggg agnccaattg gctttaattt gggnaacctt ttataaagcc cgcanttaaa 960
acaagggttaa cncnccccc aatngccatt ccatttaag gntcc 1005

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<210> 3978

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3978

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ttgcaggatc ccacgatc gaattcggca cgagatataa aagcgtttag aanaagaagc 120
aaaagagacc cgcacattcc acccaggag ggcattgaga aagaacagt agtggaagga 180
aaacaggtct gtgctgcctc aagcatagag gtctttctat ggcaggcacc cggggcagcc 240
aaaaggacac tgtccacagc caggccagag tctantctgn acacacatan gcagggtgtgt 300
tgcatacctc aagcatgcgt tcacgagttg tnatacttaa gngaatttgt ttttttacag 360
naacaaccta tagttccatt taaaaaggga tngttattta attttaatta aaacatatag 420
tagntgtttn ctactttgg tttatgtatc cattttcaac agctttgttg aggtgtgtgt 480
tacacaccct caaattcact ngttttaagc atacaatnta ataattttta gtaaatcag 540
aattgcgcaa acatcacaat ctantaatag aaattttctt tctactccaa agaaacctgt 600
gctctattta gcaactccct gttcccgcgc agtaagccca tatgtgggca aaagttgact 660
ganactgttg atttttaatt gaaatatcac aaaacttatt gcattttttt tttgagacgg 720
agtcttgctc tgctcgncccc agntgngggg aaggggctnc ntcccccn ctngngnnnn 780
ggnggncnt 790

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<210> 3979

<211> 462

<212> DNA

<213> Homo sapiens

<400> 3979

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taacatcagc tcttgttctt tttgcaggat ccctcgatc gaattcggca cgagcctaga 60
cacctcgat tggggaaaagt cttaagtggg tggagcccat gacatttggg tatgatgact 120
agattttttg tacagctgag cctcaataaa ctcatgcgt cacttgtgag aactcaaact 180
agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gagttcataa 240
aaatacacat gtatacacia aagcaacaaa tgtaagttag attttattat ggaaattgat 300
attagtgaat ttgacagctt tctatgggta aagattatcc tgtaggtgag ccaaggttct 360
ctgtttttct gatttctctt attcattccc tataatttca gcattttcgt tctcattgac 420
ttaatattcc tgagggtatt attgtgaatg tctttgttta tg 462

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<210> 3980

<211> 475

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (475)
 <223> n = A,T,C or G

<400> 3980
 acntngatca agctacttgt tctttttgca ggatcccac gattcggaatt cggcacgaga 60
 tcttttaaaga aagcatccac agttttctgt ccatttcatt gacagggttt attttaaagt 120
 gtagaccatc caacagaggg atagggagct gcagcgggtg gctgcttaga ctcaaaaaga 180
 gaantctcgc tgactcatgc aggttgaggt tttgtctcat tcccaggaat gcttggactc 240
 ccagaggcag tgaagccaca catttttagca gaattacctc agcagtgtgg tgcattgatca 300
 tgaacttcaa gtttacctac aaggaagatt tcattgtcct tctgtcacta gccaaacact 360
 tcacagccta nactcctgga ctacataaag gccatacaa aagtgtttgt gtgcatttgt 420
 gtatgtgtga gtgtgtgtgt ttgcagtggg agaggacact tatctttgct ctccc 475

<210> 3981
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (460)
 <223> n = A,T,C or G

<400> 3981
 ttcattactc ttgttctttt tgcaggatcc ctcgattcga attcggcacg aggcggagct 60
 tgcagtgagc agagatcgca ccactgcact ccagcctggg tgacagagcg agactcctct 120
 cgaaacaaac acaaaaaaaaaa gtttcaaaga cagaaagtgg aagttacaag gctttttaag 180
 gccttatctt ggaagtcaca gcancattta ttttgcatc cattgggtcaa actcaagtc 240
 taacaggcct aaggggggtca agtaaaagg gggactcaca ggaagttcca tatacattac 300
 agcttcactt gcagtacaga ggggaaggga aatcctactg ggacagaacc tcaagtagca 360
 tacctggttg tatattgtgc ctggaagaaa agatggccag aagtatagat ctatagatgg 420
 atggtgattg atggatgggt tgactggatg gtcagggatt 460

<210> 3982
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (463)
 <223> n = A,T,C or G

<400> 3982
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 gcatttgctc gttttgttca acttttccct ccttctctgc ctgccaaaga aactgtaata 120
 actgtaataa ttnttatgac tttctcttca atgacagtna tcttccttta ccctaattcc 180
 ttcctcctc atccttcaaa tccccttcc catcattcaa agnctaactc aagctagcct 240
 ttctcctta ttttcccctt atctttccaa tccgtatgga gatttctcac ctttctgnt 300
 ngaggttgcg ccagaatggc gaggattaaa ttgtaattgc tntntaatag actgntgtgt 360
 cngcccacta gatttcaagc tctctaaagg tnaaagctnt ttctnacatc anaactngag 420
 tcctttatgg annntnnac atcngaagg cnnnanttat ttg 463

<210> 3983

<211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 3983
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 gctcagggtc tctcatgagg tttcagttat gatgttggct tgtactgtgt cgtctgaagc 120
 ctggctggct gaagcatctg cttccaactc actcatgtgg ccatttccca gagcccagtc 180
 cttactggct ttttgccagg gaggccttaa tttcttacat atgggcctct ccatagggca 240
 gcatgcactt tgcagctggt ctnccttaca gtgaatgatc caagagagta tgagagagtg 300
 tgccacaatg gaagccaggt atctgtttata acctcatctt agaaatgata taacatcact 360
 ctgccatatt ttgtcagttg cacagacccc tggtagagtg tgggangtga caacacagga 420
 tattaatacc aggangcagg aatcattggg accgtct 457

<210> 3984
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 3984
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 ttcaggctgc catttggtag agggnnaggg agtggctagc catcgagtna gaccatgctt 120
 tgcacccacc atcagcaagg ctcaagatag tgcttggcgt gctcagaata agccttcctt 180
 tctgcaggga tctcatctcc atctgtggga accaggtntg aggctctgaa cagntcctgc 240
 tctggcaaga cacctccaca tctttctccc tcaaacattc atagcctctc tgccatttta 300
 tgcttctggt acaccagaaa taatatcaca atgccttgca tctactgacc ggctggataa 360
 ttctttttca atatgtcctn cttgcangca naagatcttg ccanaagact gagaaccag 420
 ncttccaaga tggccacagc tgcaccaaag atcacaangt aattg 465

<210> 3985
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 3985
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 agttcccata tacagggtgca nggcatgctt catttaccat tgaatttgat gacagtaccc 180
 catggaagggt nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt 240
 ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac 300
 ccgaanacaa anttntctgac tggctagcac aaaacaaccc tcttcaaattg ctatgggaaa 360

gaacagaana	tgattctaaa	ngcattaata	gtgatgttnc	agtgtacttg	aaaaggttga	420
aaggaaatna	acatgatgat	ggtacgcaaa	gtgattcana	gac		463

<210> 3986
 <211> 464
 <212> DNA
 <213> Homo sapiens

<400> 3986						
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tctagaatcc	cagcagtttc	cttaagttgc	ctactgtcaa	ttttccattt	ctctcgtcca	120
aattcacatg	gagacatcat	ttttacacac	ttgtaatcaa	ttgtaggcgg	agtctggggg	180
tcctagcaact	tcctctaaca	tcctctcatg	atacttagac	ttttaaagaa	cccttgagta	240
ggcctgtga	taaaggatgt	tagtgaaaaa	aataatgaga	aacagggact	tggcttagag	300
aaagaagcct	gcgtcagatc	agtaggcccc	cctggggctg	tgggaagcatg	cagaagggtcc	360
cttaggaagt	gatgttggaa	atggccttgg	gccagccacg	ttatttctct	ggacctcagg	420
tcacccatct	ctgaaatggg	agcattgaac	tggctgatcc	ctga		464

<210> 3987
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (1) ... (458)
 <223> n = A,T,C or G

<400> 3987						
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tgaagtcatt	aaatcagaga	gccaaaantn	cctancagag	tggancgaaa	aangaccggn	180
cagacagtgn	gaataatata	tcactgatgt	aaaancaact	catatgatgc	ttgtaaatgt	240
ggaaactata	actntccctg	gaggggtata	nagatgagtt	caattaggag	ggaaactgag	300
tgacaggagg	acaaaattgg	aaggggagatt	tttactgtat	aactttgtat	cttttaaatt	360
ttgttcaggg	cgcattttatc	atgtattcaa	tgcatttaaa	cagaagagga	gaaggacggc	420
ccatangata	taactattgg	ttaaaaccat	cttgtctn			458

<210> 3988
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (457)
 <223> n = A,T,C or G

<400> 3988						
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agacttgtag	ccaagaatag	aattggaaga	tnccatctcc	tggggtagtc	aaaaaaaaatc	180
tccttgggta	atactggaan	cantaaatct	tcctaatctg	gttgggtccct	cttaataata	240
aaatnctatg	ggaatnactc	tttagtagtt	ggcctgggtg	gaagctctgg	gaggagcaaa	300
gcancctctc	caggtgactg	gctgactttc	cacctgaagg	agtattactg	caagaattac	360
aaagcaggta	ggactctggc	ttttgatgag	caaattggntg	aaaagtgcct	ccttcccagt	420

cttccttttg ccttcatttt agtttaaagc ttgaagt

457

<210> 3989

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 3989

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tctactagct aacttggtcc ttttttttna aaaaataaaa cccttgcgta gttctccctc	120
aggggatgcc taggattttg gatgagaacg tattggctca atgtgagtgg ggcagtggca	180
ggcatccatt tcccttcccc ccattctgnc acagggtgcc atctgcctgg cagtanaatc	240
cantgctcat gttggtgact ccagagcccc ttcccttgctg gtgcctgcct gangcattgg	300
tgtatgtggc gtccctgggaa ggggatttta gttnaatgaa tgatacgtac ctcttgcttt	360
cctgggntnt gcgagcttta atcccttgat ngtctgntgg gaggcttgan agacanactg	420
ggaactgtgt nagaaagcat gactcgtatn ncgattgnan ngaaatnanc t	471

<210> 3990

<211> 466

<212> DNA

<213> Homo sapiens.

<220>

<221> misc_feature

<222> (1)...(466)

<223> n = A,T,C or G

<400> 3990

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ggaagatagc tacacagaat gaagcataga aggggaagaga tggaaataca cagagctaga	120
gggtaacaca ttgatgtac agacagaaca cctaacatac ttctggagtt ctgtaagatt	180
agaggagaga aaatagagca agagaaatgt tgcaaggatt tttccaaaag gtataaaatg	240
tatccctgaa tatattttta gtaatctcaa cttcaggcat gataactaaa accaaattaa	300
cataaaataa tacaggacgc aaaagaccaa tagaaaatct gaaaagtagc tagaggtaga	360
agatagagta tgttgaaaag aactgtattc taaataacaac ctgattttta cagaaaacat	420
ggaagcagga attcaatgga ttaatgggaa tcatgtcttc aatgtg	466

<210> 3991

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3991

ggngnntnnn ccctttgaan cccttaatac aagctacttg ttctttttgc aggatcccat	60
cgattcgaca gggtagtga tgtgacggtg tccaagacgc acagcagatt ttcattcaca	120
aaaaaatctg accacaagag ctaaacggaa ataccttccg ctgtccttcc caagtcacag	180

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agcaaacacc tcagttccca ggggtccgca tcagttctgg tggaggcggt gactgtgagc 240
gtgaccagct gggctaattc gtcccgacat ttagttggga cagctatagt ttccctacctc 300
tatgaccaga gagtgaagcg tttcactgaa gaactgtggc cggcgtctcc aggaaaggaa 360
ggagcctcgc tttctccagg gcaggggcag cgtggggcgg ggcaggccgg gtgtgtctgt 420
ggggagtggg cgcgtgctca cactctttaa gctgcgactg ctcccttttag gacagaatga 480
agttcttcga ggaggccgat gaagacagaa tatggataag gccaaacctc caaaaatcc 540
ttctacatct tcatatcaaa acatgttaaa cataaacctn caaatacctc cagggatata 600
agcacagggc ttntctaaaca ggcgggatat gcaacctcgt tctatccan gccacacag 660
aaagtgttgg gggaatcact gaaggaagga ngagaaagaa ctcaagaaga ccataagaga 720
gcaagacatg gacaggaaac caatggccca cgcgccgcan gaagacttaa aactncag 778

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<210> 3992

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (905)

<223> n = A,T,C or G

<400> 3992

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gtaattctgt attccatttt gttaacgcct ggtagatgta acctgctagg aggctaactt 120
tatacttatt taaaagctct tattttgtgg tcattaaaat ggcaatttat gtgcagcact 180
ttattgcagc aggaagcagg tgtgggttgg ttgtaaagct ctttgctaata cttaaaaagt 240
aatgggtgat ttaaaaagaa aaaaggaaaa aaatctttgg ctgaatatgt tcattgcttg 300
tattttttaa acaacagaat ttccagtatg aaacaggctg aaagagcagg aagaaatgtt 360
ctttgtataa taatgggaag tttggaatat aaaagtttat atattattta tctattggag 420
aactggtgta caggaggaac attttcttac tgtgttgctg ttttccatca tgtgttatcc 480
taagagtggg ggttttttaa aatctgtttc accaggggaa aataaaaagca tccctaattg 540
tcttctctca aaaaacccan nnaannnnnn nnnnnnnnnn nnnnnnnnnn ncctcggaga 600
gagaaaanaa cttttctccg agccctntan aacctatagg ggagtccgtn ttaccgtaga 660
atcccnacn ttgaataaag aatnccattt ggggtgaagt tttngggacc aaaaccccc 720
aaacntnnga aattgccnnn tggaaaaaaa aaatgccttt ttnttttggg ggnaaaaatt 780
ttgggggaaa ggcctttttt ggctttttan ttttgngaaa nccccctttt ttaaagcctg 840
gccnaattaa aaccaagggt tttaacccaa nccaanccca atttggccnt tttccanttt 900
tttnt 905

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<210> 3993

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3993

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tcgaattcgg cagagatat tattttaatt ttatataata gcatgtactg ctttacacat 120
ttttataata agtcaccaca gtattacact ataactacgt tataagtgca atagatatgg 180
gtncataaaa taaaaatagt tgaggagaaa aaaccttttag accattcatt ataactgccc 240
anactgataa ggggaaaacc ccccatgtca catgagagaa ataaaacca ctgccatttc 300
tctgtgcctg ggtaactgag ttgattgtat tcaccagaag gttcttgttc tgccttttag 360

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acctgcctgg	gtcatttccc	tgttcacacc	ccagtgacta	agctgaagag	atttatcatg	420
atgcctgctc	ttttctgttg	gccttgggtc	cttccatgtg	catgagcatc	tccatccaaa	480
agtggccttc	ttctctagcc	ccgatgggat	gtcagtngcc	catgtttcta	atagaagacc	540
catgccaaag	ccactttgac	aactctccac	tcgcaagaat	gctgtcggcc	tntagctaaa	600
ctgttatggg	ccactcaacg	ctgtacactg	tgtggccact	ttccttccgc	tttctgtcat	660
tgcagggang	ttgtaaggca	acaccangg	ggcttgacct	cttcaaggac	tttgccagca	720
ncaaaaaccc	aancttgggt	acaccctggc	ttaaaaaccc	acanccccag	caanttnca	780
gctttnaatg						790

<210> 3994

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (898)

<223> n = A,T,C or G

<400> 3994

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gaggattttt	atttttgttt	ttgcttaaac	atatagtttg	tctagaagtt	taaaaagcta	180
aaagttaaaa	atgggtgta	tatgaaaatc	taacactcaa	gatagtttct	aaaaggaaat	240
cagtagttaa	ggatacctga	tttcaaaaata	tttaaagcat	aacctaaactg	atggtaggat	300
gattgtatct	tgaatatgtg	gtagggccac	atctatttga	ggaaaacctt	gcttttatca	360
tctgtgtgta	aagggtctaa	taaggagaag	aggccttttg	actgatttgt	gagtataaat	420
gcatttgctg	tttcatttca	aaaatgttgt	ggaggaaaag	agtacattta	acttgtataa	480
gagaatattt	gtactcctgt	ccaggctgca	ggacctttct	tcgagagctt	tgacacttg	540
acttgaacca	cattttctga	tccctttact	ttgttttaga	agcaccactg	aaaaatctcg	600
ttgttttaaa	gtncaaattg	taaatatttc	aaaaaanann	aatnnnttnn	nnnnnnctcg	660
gagcctctnn	aacctttagt	ggagtccgta	tttaccgtag	natcccnaaa	ccatggatta	720
agaataccat	ttgggttggg	agttttnggg	ccaaaaccn	caaacctttg	gaaatgcctt	780
ngggaaaaaa	aaaaaaggcc	ttttaatttt	tngggggaaa	aaattttggg	ggaatggcct	840
attttggtct	ttttaanttt	tgggttaaac	ccccttttnt	ntaagggcct	gngcnaaa	898

<210> 3995

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (833)

<223> n = A,T,C or G

<400> 3995

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gcaatggttt	gtttctcttg	tatttctgaa	gttgcaata	atcatgtaag	cagttcaacc	180
aggagtttac	accaaacttt	taataggcga	tatatcatta	tttttttcc	cattgggttg	240
gataacatcc	actttaactg	gcagttagtc	atacttagct	atttttgtta	aagcaggtga	300
tttattgtta	ttttatattt	atgacatgat	taataagtga	atatggaaga	ttttacattg	360
acttagggga	tcaaagtttt	catttatatta	acacctttta	ttgccatgag	ttttctatct	420
ctagcatgca	tattttgtgt	tcattcaagt	gaagaaaaca	gtcttttgtg	ttctcaggta	480
ctgcataagc	cgaccacagt	ataagacttc	ttgtggcatc	tcttcattaa	tttcttgttg	540

gaattttctta	tacagcacia	tgggagctgg	aaaccttccc	ctattaccca	agaagaagct	600
ttacatatct	tgggctttca	acctccattt	gaagatatta	agggttggtc	ctttcacggg	660
gaatcaacac	ttatgangnt	ggtttaagac	aaattaaatg	accttttcc	atgtnaaaaa	720
ggatgctctt	atggttctat	attaaaccct	cattggggaa	gaataaaaaac	caccaggag	780
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<210> 3996

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3996

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cccaaagtgc	tgggactaca	ggcatgagcc	actgtgcccg	gcctgttatt	gttgtgttgt	180
cctgctttta	tgggtgcttct	ttttctttat	ttgtaatagt	ttccctccc	actccactg	240
ttttcttaac	atggagaaaac	ttttttttta	attgttccca	gtgaatgctg	tctcttccca	300
tgttgactcc	attcacttgc	catgaattga	cttagtgcca	gacctctgtg	ccttcttcat	360
gtaaccagct	caccttagcc	ttcttgtaga	gggcttatga	tcttagttgg	attaagttaa	420
caagtttttg	ttcagaaaatt	ggaaaatact	agtcaccatt	actttcatct	gtacttgaaa	480
atttcgtctc	tcagacatcc	atcatctcta	ggtgttggtg	acaangcttg	acatctttct	540
aacagttgac	tttggttctt	taaattcctt	gaactaattg	agagttttct	taagcagagc	600
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agtctttggt	tattccagct	gtcacccaaa	atggggattt	tangcattta	caatcggttaa	720
aaggggcaaaa	ccccaaatta	ggggatggac	aaaatccctc	actggnggat	gactcttttaa	780
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<210> 3997

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3997

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atacattttc	tcagtttcag	atcctctgct	gtttttattga	gtggaaagt	gagctaaaaac	180
ggttcaagaa	gaataatgtt	gcatttcctt	atgtctcagg	aaacactttt	tatggtaact	240
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tcactgcagt	tttcaataaa	aagtaattaa	aatttggtga	gttctgaaat	tcaagtacat	660
ctcactaatg	taaaagttct	ctacttgaga	tgtttaaggc	aagtgcgttg	tcaattacca	720
atttccaact	cttgttctac	aggggtctatc	tgctattcca	taccagactc	aagaatg	777

<210> 3998
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3998

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atgcagtggc	agtgccttt	tctgagcggc	tactgggaaa	tttctcatta	gcagttccga	180
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tattctatgt	tgcgtctcga	gagggtcacc	ttccagaaat	cctctccatg	attcatgtcc	300
gcaagcacac	tcctctacca	gctgttattg	ttttgcaccc	tttgacaatg	ataatgctct	360
tctctggaga	cctcgacagt	cttttgaatt	tcctcagttt	tgccaggtgg	ctttttattg	420
ggctggcagt	tgctgggctg	atctatcttc	gatacaaatg	cccagatatg	catcgtcctt	480
tcaaggtgcc	actgttcac	ccactttgtt	ttccttcaca	tgctcttca	tggttgccct	540
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agagaaaata	accccgaaac	ttacaaataa	tactggaagt	tgtccagaag	aagataatta	720
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<210> 3999
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3999

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gatcccatcg	attcgaattc	ggcacnagta	acagtcctat	attgtttcct	gggcaagtta	120
aatagtecta	attggccctg	agttgttaga	gaatgtttgt	gaaccactca	cacagacctt	180
gacagatagg	tttttgtttt	ttgctttttt	gaagtacatg	atatagacag	gaacacagat	240
ttttaaatgg	tagctgttac	taagtgtggg	agagagcttt	gactctggca	gtttgggatg	300
gcctttcaaa	attgacaagt	gtggttgtaa	gggttagaga	gtaagtgggt	gatgaatgat	360
acactactct	ttggagaata	aagagccagg	tgtgagggtg	gagtgttcta	ngattaggag	420
acttggtatg	gtttgaaacc	tgaggagtaa	gaaattgggtg	gagagaaggg	actctgagag	480
gatgccacag	tattggctac	agctttttca	tcttcccca	ttatccagta	aaagcagagc	540
tccttttaat	attggggagca	atattaatat	gtttactctt	atcacttgta	tttatcattg	600
nattagangt	cctaacaagt	acaattaggc	aagaaaaaga	aatgtttcca	gnttaacaag	660
aggaaataaa	actttttgtg	tttgacaggtg	gaaatgaaaa	atcctaagga	ctcttgtaga	720
aaaaactntn	tttgaaaatt	nccanaacag	ccaataatn	ttttgatngg	gaaaaaaaa	780
acaanaatgg	gttttattgg	t				801

<210> 4000
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 4000

agnaancnnn	ttnttanmnn	tttgaaanct	tntaaacaag	ctacttggtc	tttttgcagg	60
acccatcgat	tcgaattcgg	cacgaggtct	tcactctgcg	acaacaagct	tcttgaaggc	120
aaagaccata	ttttaagtat	cttttgtgtc	ctagatgcac	tgagtataaan	nccaggggatg	180
ccgcagatca	taaattngtg	ntaatnttca	aaaatagact	ctaaaattta	nattttacana	240
aacattgnaa	agatactgna	nagttntctg	tatcctacac	tgtttcccat	attattaacg	300
ncttacatcc	ctgtgatcat	ttgtctgnat	taataaaacca	gtattgatac	attatcacag	360
agaccatact	ttatnagggt	tccacaggnt	ttttccttaa	tgttctttca	ctatcccagg	420
atcccatnca	caataaccaca	ttacatttag	taattatgtc	tccttagctc	ctcttggttg	480
tgacaatttc	tcagactttc	cctgtattta	gtgaccttgg	cagttttgaa	cattactggt	540
caggttntgt	ttgtttgttt	ttttgagaca	ggatctccct	ctgtcaccaa	gactggagtg	600
cagtggaaag	atctcatctc	actgcagcct	caacactctg	gggtcaagtg	atcctntgac	660
ctcaatgtcc	ggagaanctg	ggcccagana	tgtgtgccat	catgctctct	aaaaatacaa	720
aaaaataacc	cggcgtgatg	gtggggcctg	tatcccagct	actcnggagn	tgaggga	777

<210> 4001
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 4001

ttgaaacctt	ttnnnncccc	ttttnaantt	gtagaatata	agctacttgt	tctttttgca	60
ggatcccatc	gattcgaatt	cggcacgaga	cactgttcta	aagggtgttg	gtgaattttc	120
ttttttatatt	attaccacaa	tctgtgaaca	aatacaata	tctttccagt	tagtgcattc	180
cctcaaattg	aacttctggc	tgcaaggaaa	gctaggaatg	attatgggtt	tgtagtaag	240
gaaaattatc	aaaatgggat	attaggttgg	ctactagcag	tcttggcctc	atgctttcag	300
taaatagtgt	gcacttcaga	tcatgtggca	ttggagaaag	gaagaacatg	ttaataatat	360
aacatgggtt	aggtcatgga	gtcttgatta	ttgtttccta	atgggtactgt	ttgacttcat	420
aggctacaag	acaaatttct	tcaagtgtaa	atttttctgat	tgaagaagac	ataaagcctt	480
tgagaattta	ctgtatactc	agcactttgc	ccgggtgtag	gataaggatc	aaaatcatga	540
aagcctaatt	tctttcccca	gagacttatg	aatgtggctg	aaaagaaaaa	gtacaacaca	600
tgcaaaataa	ttatgaaata	atgatgtatg	acaggaatgc	agagaaggga	gagatcagtg	660
tgcatgaatt	aatgagaaaa	acctcatgga	gaaggagcag	catagggttag	atcttaagga	720
atgggaaata	ttgcagcana	tgaaaangac	tgccagggtg	ggttataata	tagtagngga	780
agaaaaa						787

<210> 4002
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 4002

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aancnnnnnn nnnnnnnttt gaantcatag aaacaagcta cttgttcttt ttgcaggatc      60
ccatcgattc gaattcggca cgagggcctt tttccttggt ttcttcttag tgacagcatt      120
ttttggaact ggaaatatag cttctattaa cagctttgat cttgcctctg tctattgctt      180
tctgactgtg ttcagtcctt ttatgatggg agccctgatg atgtggaaga ttttaatccc      240
ctttgttctt gttatgtgtg cttttgaagc agttcagttg actactcagt tatcgtcaaa      300
aagccttttt ctcattgttc tgcataatc agacattatg gctttgcatt ttttcttctt      360
gggtcaaggat tatggcagct ggcttgatat tgggacaagc atcagccact atgtgattgt      420
catgtccatg accatctttt tgggtgttct caatggcctg gccagctgc tcacaacgaa      480
gaaactcaga ctatgtggca aacccaaaag tcacttcatg tgaggttgct gaagcaccat      540
tcagcatctg gatcctgatt ctccttttaa gctaaaatct catcaaggct tcaataagaa      600
gatggatatg gatatatagt atattctact cctgtaagga aaatggtatt tggaattccg      660
aattgacagg ttatctggaa caaaggagct tctttttttt tctangtttt gcaggcatga      720
aatagtgtat atatctgtgg aaaagcatan gaaggcattc tcctttttca tttttttcct      780

```

<210> 4003

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4003

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atcccatcga ttogaattcg gcacgagttt agatggagct cataattata caaactcatc      120
tcgttcacaa atccctaggg ctcaatgtta aagtcagcca ttgtttaagg cagaaattca      180
ggtttagata tagtgtagca aagattttcc attatatgag atatcgatcc tattaaacat      240
aaaacttttc tcttggtctt ctattttact gtcttttggt gccatcagct gtatgcccct      300
taattttttc tagtaatacc ttggaattta aaaatgaaat tacaaatgtt tatgttttag      360
tgttttttaa aataattoga ttaagtatgc tatgatagag gagcaaagtt gttattagta      420
atatcaatgt gcttacaact tatggaaatg aaaaatagtc tttagtctta gcagcctttc      480
tgctgtagta aaatagtttg tgcactttta atcgctgtga gggttacatc tcaaaggact      540
gagtggcata agccagggag gtcttagaaa tcttacaaaa ggaaaaaaat aagaaattat      600
tcctcatcat atgaaaatta tttactaaca atgtatgatg gtttaanctt cttttaaatt      660
cttcactttc cactcctttt tgcttctttc ctttttagtt gactattacc ggagttacct      720
tacactaatg ttgangtatt tgggggttcan aagaaaaata ggccaagtaa anggaaaatt      780
ggaaaaatag ttccaat                                     797

```

<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

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gnnnnnnnngg nnnnnnnnnt ttnnnnnntt aatgaaccct ttgaancccn tntgaaaanc      60
cntngaaaca anctacttgt tcttttttgca ggatcccatc gattcgcact gtggagtcct      120
tgcaagtcag caggaccagg gctgtcttcc tgcaccatct ggatttggtt agctctctct      180
gggcagtggg gccgagtcct atttctcca acaataatgt tatataggca atgatcctgg      240

```

gctgccctaa	cataattgaa	aattatgtgt	attgtaggct	tggagtgtctg	aaatgtgggc	300
tcataaaaaat	atgtgggtgca	ggtagcctat	ggagattgga	tgtggcacac	aatgaacttt	360
atgtaaagta	agaactataa	gtctccatgt	taatattgta	ttatgagtat	gacagttctt	420
gggtgggtcc	tcagggcagg	tctgtcacct	tcaacaaagc	ccgagtttcc	taattctaca	480
gagctgggtat	ttggatgtaa	tcaaatecgt	tttgcagggtg	gccaaagatg	aaaacttgtc	540
caccaatcca	gctctcccca	ctgagggata	gcatgggatg	tagatgggtt	tgactccatt	600
tggcattttt	gttcacggnt	ttttatgaga	tggagagggtg	agtgttgggtg	gggtgccatt	660
ttggttggcc	tcaaggaaat	gactctattg	agtggttttg	accaatgcac	tcatatagtt	720
atgtggtaag	tgaaggatgg	gggtcctgta	cacaaccacc	cactagttct	nttctccacc	780
aaaaaggaat	aaaagttttg	ctttcattct	caaaaa			816

<210> 4005

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4005

ttnnnnncnt	tnnnnnnnnt	ttgaatttct	ttantacaag	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggct	ggaggctgtc	agaaggatgc	tgggggtgaa	120
gacaccctgg	ggctctgaca	accattggga	gtgtctgggtg	ctcctgggtg	agagagaggg	180
ccagttggaa	aagcctgcag	gcccagccct	ggggcagaac	tgagtgtggc	gggtgctggg	240
cacaggatat	tccccaggg	gcttagcttc	atgcattcag	gcttaccttg	aggctccaag	300
cttattgggtg	gcataagctc	tgcatatccc	tcacctgcca	tcagcctcat	ctgaatcttt	360
gtctttctctc	agataagccc	ttaggcacca	gcttagacac	ctccaagaac	caggccccgc	420
tgatgcaaga	tggcagatct	gatacccat	agagccccga	gaattcctct	tctggatccc	480
agtttgcagc	aaacccccaca	ccccagctca	cacagcaaaa	acaatggaca	ggcccagagg	540
gtgaagcaaa	cagtgtccct	tctggctgtg	ttggagcctc	cccagtaacc	acctatttat	600
tttacctctt	tcccaaacct	ggagcattta	tgcctangct	tgtcaagaat	ctgttcagtc	660
cctctccttc	tcaataaaaag	catcttcaag	cttaaaaaaa	aaaaaaaaaa	aaactcgagc	720
ctntaaaact	atagtgaagtc	gtattacgta	gatccaacat	gataanaaca	ttgatgaatt	780
tgga						786

<210> 4006

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4006

attccatcag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagggga	60
attcgaccaa	catggagaaa	ccccgtctct	actgaaaata	caaaatagcc	gggcgtgggtg	120
gcatgaacta	ccacactcgg	cagcatatct	taaaatgcag	ttatttctga	aagtttttgg	180
ttttacacaa	tttttttttt	aggttaataag	atgtattgta	aggattatgc	ttacgtatgg	240
tacagagtat	acttcacatt	gttcctgtct	tttttgtggg	ggaggggaatg	accgaaagca	300
ttgggaatgt	taaaggcaaa	tgagtaaaaa	gaaaactaaa	aaacgattac	ttcttcaaat	360
aatgaggaaa	gcgtttttta	aatttttgtc	tgtttttaaa	aagcaagttt	catgttagat	420
ttcttaccac	actcaattat	ttcctaatat	aaaatagata	taaaatttgt	gatttgttac	480

tttttatgta agcatatata gtccagtcta aaatgaccaa cttccaaatg tgttccagaa	540
aagaatcatg acattttata gctgaaaagg acctaaaaat ccagtccttt taatataaca	600
tatggtaact gactccttgg gagtataaaa ttaattattt aagaaccagg taagatagta	660
gccagagcct agaaccaatn actcagatgc cccttatcca ttctaataatt ccacagcatt	720
ttctagaaac ctcacttaan gcanttaatg tggatagggt tttacctcna aaatagtcaa	780
ncccccaat gtagccaaat acctaaggng gccttttttg nttn	825

<210> 4007

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4007

ttagnnnnng tttaanccct tttgaanttt ttanaanaca agctacttgt tctttttgca	60
ggatcccatc gattcgaatt cggcacgagg gcagctgggt agtggtcttc tgccgcacagt	120
gttcgggaact accccgctcc ccatggcctg ccagcgtctg agtgagagcc agcccaagtt	180
cggccaacttc ctcgagtcca tggatgagtt ctgccaggag cccacagcca gtgactcaca	240
aggctagagc tgtgcatggg ggctgtgtgc accaccggc ctgtgccccca nctctccccg	300
agggtctctgt gccctggacc gcacctcaag gttgaccagc cggccacagg cctcagagct	360
cagctgggccc ccacttctct gccacaagggt ggcacccctt tgtcaggatc tccccctctt	420
ggcccaggca tgacctgggt cctggccccag cggcaataaa gagtgggtgc acagggcaat	480
agactgggtg ccacatgcat tctttcttgg aacccancca cagcaacatt gtcacacttc	540
cctctaaaaa tgggttttcca gntcagatgc aacagggata catttggtct ctgttgatg	600
agaaactgac accaagggga tcttaacaaa ttcctgaaca atggcttcaa aaaaggatat	660
ttttaaaaac cagatcttgt gagtacaagc cctaattgtc anggacaggg tcatcctgta	720
tattcgttct ttactcaaac tctttcttgg ttccttcatt angaagcatg aatgggtgaa	780
tgtgaac	787

<210> 4008

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (464)

<223> n = A,T,C or G

<400> 4008

tattcnatnc agctcttgtt ctttttgcag gatccctcga ttcgaattcg gcacgagagt	60
acgagagcaa agaatgcccga gagatgacac tagtgatttc ttgaaaaact cattattgga	120
atctgatagt ggcttttatt ggggcttacg gtgagacata tcctgccatt gaagatgacg	180
tcctccctcc accatcacag ttgccctctg cacgggagcg caggangaac aaatggaaag	240
gactagacat tgatagcagt cgtnctaata tagcaccaga tggctctctc taaaaatcta	300
tatccagtgt aaatgttgat gagcttagag tgagaaaatg aggaacgaat gcgaagactg	360
aatgaatntc acaataaacc tattaatata gatgatgaga gttcactggg tgaccctgat	420
gacatcatga aacacatagg ggatgacgga tcaaaactctg tagc	464

<210> 4009

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

tttgaaacct	ttgatacaag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatg	cctagtgggc	tctgagtgtg	ggattcttga	acctgctgat	ttgcatttca	120
cctgtagttc	tacagtaaaa	aatgatttta	tataactttt	ggtatataag	tctcaaaaag	180
tgtgagtcag	aagagatgaa	acattatatt	taaaatttca	tatcaaagct	tctaatacaa	240
cgttgctaga	gccatggctt	ggaaataaat	caggaaaaaa	ccctcaaata	cagaatcagt	300
tgtgttaatg	cactagaact	tgccttctgc	tttaaagcca	taattaatca	tttaaagtct	360
ggataaaaac	catgtgtttt	gtcttttagaa	aagggtgttg	gtggacttca	aggtttagat	420
ctgtgctgtc	ccatacagca	gccactagtc	actagcgggc	ctggctattg	agcacgtaat	480
atgtggctat	tgagatgtgc	tctaattatc	aaatacacac	caggattcaa	agacctanta	540
caaaaaaaga	atataaaata	tctcaaaaat	attattgtat	tgattacatt	ttaaatgata	600
atggttggga	catattgggt	taataaaaca	catctctnaa	taaacttttt	aaaaaaaact	660
tttcaaaatg	catctatgaa	aacatttgaa	antatatatt	atggcttctg	cttacgactt	720
ggatcatggt	tatgttgggc	cacatagttt	aaatcnttta	tatctn		766

<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4010

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cccatcgatt	cgaattcggc	acgagaagac	acttcctctc	cggaaagcca	gtcatattca	120
tcccagcgtc	tttcttggtg	tctgtgcatg	gataaagcct	ccccattccc	ccgtgcccc	180
caccactttg	tgtcctttca	ctttgcttca	cttatgtgcc	caccactoca	gggctccctg	240
agggtccagga	attccatgcc	attccctttc	acatggctga	gagccccagc	cctgtgggatg	300
agctgtcctg	agtgggcact	cagtaatgtg	ggcgtaactg	aaccaagctg	aagagggaag	360
gagcaaaaaa	caaccagaag	ccctcagatt	cagagtcatg	togttaaaca	ctttttaaaa	420
taaaaaatta	gctgtgcaaa	ctgaaatcaa	tttaaactat	tttctttgac	taggcaggaa	480
agaggaggct	gctacatatt	aagaactccc	acttaagcca	aaccttcatg	tttccaatct	540
ccaagcaggc	attgagggcc	tctgggctgc	gtgtgggaga	gccaggaaga	aagaagagta	600
ggccctgcct	ttaaggctcct	tcctgcctaa	agcaatctat	aggcagctgt	gttctaacaa	660
aaacttttat	ttataaaaaca	ngcagccagc	cagcctgcct	atgggcagta	gtttgccaac	720
ctgtgctgta	aattaaaaga	agcttaagag	atctgtcaga	tagtgataat	gtatgcacat	780
tatt						784

<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

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tttnannnnt ttannncnnt ttgaaanctt tatacaagct acttggttctt tttgcaggat      60
cccatcgatt cgctcagcca ccgtctcctt acctgactcc tctgggaaag agtttcccta      120
ggttaagcca tacagggata gggtaggaga tgccatttgg atctaggagc agagggcaga      180
gcctcagcag gaagagtgtc tctttgagaa ggagacacag tggagcaggt gtgtaggttc      240
acagggccag ctatgggtag agtcgggtgt acattttttag aagccacaat tccccaaaaat      300
ctcctgacta taacatcagt gcacagagcc agtcaaatgg aggaggagtg ggtccaggca      360
attcaggaag aaggaaagta acaaatgagt ggttgcagga ggacactttt tctgtcgagg      420
tactaaaca aaacattgtc tctccccctt aacttcagaa acaatggagg gtaaaagtgt      480
cgctggggcc ctgggggcaa agacggtaga taacttctct gtcgtgttct ccagaagggc      540
ccaacaatta caaggttcta cggttctaaa ttccaatcta gtcttccaca tcatttttgaa      600
ggtataatat tacttgtcaa agtgggatga tagaagatat gtgtggacat aaattgttgt      660
caaggaaaaa aacttaaata agaaaataag agaaaaaatn tntgtatgta cagtggttac      720
tagaaatatg ccttttaaat atttggcatg tggattgtgg cctcatcntc actcagtngn      780
a                                                                                   781

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<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

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tganccnttt gaanccnttt tgaatntcnt tacanttgct acttggttctt tttgcaggat      60
cccatcgatt cgaattcggc acgagattca aagtacattt gacaaccacac tgcaagttgt      120
ggcatacatg ggtgccatga accatgacac caactacagc tttcaggttc aatgtggctt      180
aattgtgggt ggcctacaaa gatggatcac ctgcccaccc acatttcatg gatgcagagc      240
tctgttccca gtactggacc aagtggcttc ttcgactaga agaataatag gaaaagaaaa      300
agaaccagaa tattcagaaa ccagaatatt cagaataggg agcaagttgc tatttgggaa      360
cattcagcac cttctcacag tttgggaaca tatattgctg ttactccag tgtaaaaatg      420
aggtgccact ggatctgagt gctacacgaa cacaagtaga agtattaatt tgttgaaatg      480
tgttggtacc aaaaagactg aaaagcccca aagtctagat ataaagacct agacttcggc      540
acgcgaaatc ccactatgct acctcttatt tacctgaaag gaggacacgc aggatgggca      600
gtcatgctgg tgactcttgt actcccttga gggacattgg tggggggggg gcgtgggtccc      660
angcaggatg cccantcttt gactganatt ggaangcant gangnttgag ggtgccaaaa      720
attnccang gttcaccacg anggggagg gctacatgcc ccantgtgt gcangggagg      780
acacn                                                                                   785

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<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4013

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acctttaaac ancttntgaa ntncctgcac gatcccatcg attctanttc nntncgcagg      60

```

```

cagccnccan cncganttnng gcacnagctc nanagctgct gcttttcccn tgccnganaa      120
cnttnanttt agtctctggat tctgtccan aacatntnan ctgccnttnt ccctnnggag      180
aattganntg gnaacctact tnagnngcat gaaaaaacct agacntctcn gaannnganaa      240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccngnncatc      300
aatacatacn ggctgntctt gctnttttca aggggtggctc aaacgnccat nctanggnctc      360
ggatcantat gggntngccc aagcgatcag aacncgagcc atttgcttag ctgcgggaat      420
gaacanggnnt cttgganacn ggcattctata tacacccctc ttcnttttnc cccttgatng      480
gaagcttctc tganatgaca ctctcaaaga tnggttctgn agtgacttat tgccaaagca      540
ccacttnncc tngttgagtt taaganganc acatttgggc taaggggcct ntgnttngat      600
gtaaagtgat ctctngngg tctacatttt tcntaaataa tnccttatga tccaccatga      660
gtntgaatac tttgcttggg acatangctg ccnatcattg cctggaagct gccacaagta      720
cngnagtccc tggggcaaat agcttcaaat ttttgnact ctcaagccca tgtcacatan      780
tt                                                                    882

```

<210> 4014

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4014

```

gnaacctaga aacaagctat ttgacttcnt gancnttcna acaagctact tgttcttttt      60
gcaggatccc atcgattcga attcggcacg agcagagatc tgcaaattac agcccacatg      120
ccagctgctt gtttttgtaa ataatgtttt accggaatcc accactccca cttgtttaca      180
tatcatccct ggctgctttt atgctacant gaagtgggag gggttgagta gttgaaacaa      240
agaccttatt gcttgcaaag tctgaaataa acacactcac acacactgat ttatgtatag      300
aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgcttggtt      360
gctctgncgc ccaagttgga gtgcggagggc aagatcttgg ctactgcaa cctctgcctc      420
ccaggttcaa gtgattctct tgtctcaacc tcccaagtag ctgggattac aggcacatgc      480
cgccatgccc agctaanttt tgnattttta gtagagatga ggttttgcca tgttggccag      540
gctggtctca aactcctgac ttttagtgat ccgctgcctc ctgcattcca aagtgatggg      600
attatangcg tgagccactg tgcccggcct acaaataat nttaacagc acatntcaat      660
tnctattaac tgcattttca aatgttcagn aggcacccac tgggctttgt atcgggntgt      720
actgggcccc cacaaatcta aaatngctgn atccttggn a cctcctacct cctggtacct      780
tatnagaata agcn                                                                    794

```

<210> 4015

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4015

```

tttgaaanct ttatacagct acttgctttt tgaagacctt ncanacaagc tacttgttct      60
ttttgcagga tcccatcgat tcgaattcgg cagcagagaa gatgaccgag agactcttgt      120
cagccaatgc agggacacac tctgtgttac caagaactgg ctgtctgcag atactaaaga      180
agagcgggat ctctggatgc aaaaactcaa tcaagttctt gttgatattc gcctctggca      240
acctgatgct tgctacaaac ctattggaaa gccttaaacc gggaaatttc catgctatct      300

```

```

agagggttttt gatgtcatct taagaaacac acttaagagc atcagattta ctgattgcat      360
tttatgcttt aagtacgaaa gggtttgtgc caatattcac tacntattat gcagtattta      420
tatcttttgt atgtaaaact ttaactgatt tctgtcattc atcaatgagt agaagtaaata      480
acattatagn tgatttttgc aaatcttaat ttaaaagcct ctttttccta gaaatctaata      540
tattcagtta ttcattgacaa tattttttta aaagtaagaa attctgagtt gtcttcttgg      600
agctgtaggc cttgaagcag caacgtcttt caggggttgg agacagaacc cattctccaa      660
tctcagtagt tttttcgaaa ggctgtgatc atttattgat ccgtgatatg acttggtact      720
agggtactga aaaaaatgtc taagcctttc agaaacattt ttagtaatga ggatgagaac      780
tttttc

```

<210> 4016

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4016

```

ttttgaaccn ttanacance tcttgnnttg aaaacctaga nacaagctac ttgttctttt      60
tgcagggtac ccattcgattc gaattcggca cgagaggacc tccagttaaa tttgaatttc      120
agatgcctat gaatagtttt cagtataagt atgtcccatg caatacttgg gatacgattg      180
tgctgaagtg gttttcattg tttgtctgaa cttcaaattt aactggacat cctgtatttt      240
tatttgctgt cttgcaactt ggttctgaga gagagaccgc agttcttccc attcacactg      300
tgtgttgggc agggcatttg ggccacttga tgttggttag gtagggttctc atcttgagaa      360
accaaatttc tgattcccag ctctgtgccc gtactgtgcc tttttccact caagatctta      420
aaactttgcc taggaagaga agggtcggga aatgggtgga tggggacttg agtgtaatt      480
tctgagtctt ctctctgggg tggattgctt ctgtgccatg gtctttgttt cccgtttag      540
gtgtgacccc catatgctgt ctcgactgca atgacaaagt atctaaatac aaatgtgata      600
accaagactg ctgatgagtt tgcaaaaagt cattgaatta tgtcacaatt ggaggtgaaa      660
cctgtggctg ccttgcccat gaaatcttgg cgggctttct gancctgatc ccngcctggg      720
ccttctacag cgggtgcctt caaaagctgn tcttgaccac tatgtggcat acctgaactc      780
ant

```

<210> 4017

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4017

```

ttgaaccntn nnnncttttg aatttgaaac ctnnaaacag ctacttggtc tttttgcagg      60
atcccatoga ttccaattcg gcacgagggt aacttctctg anagngttcc ttgtaaggct      120
cttatgaaca gtcgccatat atatatagtt gatgggcngg gaagatctgg gangtnagca      180
nnaagagcct ttagttccgc cncatagaac aaantagagg tcacagggtc natgccttga      240
gatatggaat tgaaatntta gacttcaggg tcatagactc ttggaaggaa nactagagta      300
cattcntgac cctcncctt aattncttna caggngngaa aaccangagc tncngaaaat      360
nngttattcc tcanctccag ggctacctnc gatctgtgtt tgcctctgacg aatggaattt      420
atcctcacan attggtgttc tnnntgtctt accacctaata tanntnnctg ctacccaaaa      480
aaaaaaaaaa aaactcgagc ctttanaact atagnagtc ggattacnnc natccngnca      540

```

tgatangatn cattgntgag nttggacaaa ccnnanctag aatgcancga aaaaaatgct	600
ntatttgcga aatntgggat gctnttgctt tatttghtaac cattataagc tgcaataaan	660
aagttanaca acaacaattg cnttcatttt atgtttcaag ttcaggggga ggngngggag	720
gttttttaat ttngcggncg nggcgcnaa tgcattgggn cccggaccca ncttttgttt	780
ncttta	786

<210> 4018

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4018

nnttactata naatacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg	60
cacgaggcga gctgaagtac acaaagtttc aaggccngaa aatgagcact canaaatgat	120
aacaagagac aagtagctcc aggtgctcct tcagctccaa ggagagggcg tgggggtcat	180
cggggtggca ggggaagatt tgggtattcg cgagatgggc caatgaaatt tgataaagac	240
tttgactttg aaagtgc aaa tgcacaattc aacaaggaag anattgacag agagtttcat	300
aataaactta aattaaaaga agataaactt gagaaacagg agaagcctgt aaatgggtgaa	360
gataaaggag actcaggagt tgatacccaa aacagtgaag gaaatgccga tgaagaagat	420
ccacttggac ctaattgcta ttatgacaaa actaaatcct tctttgataa tatttcttgt	480
gatgacaata gagaacggag accaacctgg gctgaagaaa gaagattaaa tgctgaaaca	540
tttggaatcc cacttcgtcc aaaccgtggc cgtgggggat acagangcag aggangtctt	600
ggtttccntg gtggcanaag gccttgggtg tggcaaangt ggtccttctc tgccctcgan	660
gatttcncg ntggattcaa aagaagtcgt gggggcccg agtttgcgga ttttgaatnt	720
aggaaagaca acanaagttg tgcntagtct acaaacaag	759

<210> 4019

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4019

gaatccnnta cnatananac aagctacttg ttctttttgc aggatcccat cgattcgctc	60
ggacataaat tatttcatte acaccatctt ncttccccac acacacaccc tggagcaaac	120
actggcaccg cntctaaca ctcaaggctg tgtcccgagg atgactgctc cagctntctt	180
acgttctgcc tganagcctg ccaagagaat caactgtttg atagggccca tctacangct	240
ttgtganaga gtnggggcct aattttgtta anctocannt tgtaaagcca nanagcctaa	300
tcgcgtngac anccncttc ctgcttttca aanattatct gcttnctga atactgcta	360
tgccctccctn ctccctccctt attctcccta ctgcagnagt gantatggat gaaattatgt	420
ncttctgtta ttaactcagg tcancttggg ttgnntttgg caccgggnac aagtgtctgtt	480
gggtctgctt gnaccactat tccccaanng ccactggtag cacanatcaa caaatccctt	540
nctctnagct catntgttga gaaattatca ggagccatgg gaagaaatta ctattttnat	600
catgntagaa atatatattca nngtgtnttg aagagtgtna ananttga aa ntgggaaaag	660
gatttnangc tgcacttggg angcaanatg atgaacctta ctatggcact nnggactnaa	720
agtangatga gccccantac tgacccccag gcengnt	757

<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4020
 gaattcctta cnatananac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 cggcacgaga ctggcattct gctgttctca ggagctccgc tttgatggat ggctgggcag 120
 cctgtgctgc atggaccacc agtgggtgtt gaggtggtga antgtgtccc cgctaactcc 180
 actctgggca gtnaactgaa nagggagcaa agcccatgaa atgggccttt gtggcagtgg 240
 tggaggtaga gtgaccacaca acaaacctcc ccacttgtnc ctnnccattc agnngntcca 300
 gaggcagtga gcttggaatc ttaacangag agatcttggg gtgggggtgtg gactttccac 360
 aaaggcatta cctacatgca cgttccctta cacatgtagc cttccaatct catacntaan 420
 ancacttatt taagtnaaat atgcctatct caacagcaag aactntggnn tggggagtaa 480
 agatntttnt anttnactat ttagtattaa ctgagtaaag atttaaaaag gactggatgg 540
 ggggtgggcac atggggctgg ggtgcatttg ctntngctct acatttatga aagaccncaa 600
 atncattatg tgacattttt tnnaaacaag ggtatatata ctacancaga tacacaggng 660
 ctagaanaaa agtncatcat aaaacttcac actnggggtt gtattacaaa accacatagc 720
 ttcattngga nttatgatgt cnggaaaaat tattananct tgtnt 765

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4021
 ttannncctt ttnaannccn ttttnanttc cttactatan aatacaagct acttggttctt 60
 tttgcaggat cccatcgatt cgaattttgc catcttttat caggctttct gtgtcgagga 120
 cgctaccac atagagtaga agctaaaggg aagggtgtgt aagtgcctc accctcagct 180
 tctantcat ggtgtcaagg cttgtgtgat cttagacacn tctgcctctt ctgagcctgt 240
 ttcttcatct gtnaaacang gatgggaggt tgtggtnaan attccacagc aacactgcac 300
 acgcatnaan tacctnggcc agggatgact cggcngacct cattttccct ctgcctcctg 360
 cctanagctg ttagcaagca tccatcatgc ggntcacaca agagctcccc cnggaggtta 420
 cagaaatgaa ggcngcagcc ccagtncttg ggtagcctgt tcccccttga aggaaacaga 480
 ctcaatatca gcaacacaga gtgaatgacg ccagggtggc naacnggcct ttcctgnagc 540
 aaatgcggga ggcttcatgg agatgacgtg ttatgaacan cactcatctt acgctgggag 600
 cagcacatgc ccccggcang gagccagtcc ctgtcttcaa atacagtcac actgnggggtt 660
 naacaatgtg taaatttggg ggcgatacaa acattcagtc cataacaccc ctataccna 720
 acccttaggc aancactaat ntacatntta tctttacaga tgacctattc tggacatgtc 780
 atatnaatgg 790

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 4022
 gagnnnnttg nancccttnt gaaatctttt aacacaagct acttggttctt tttgcaggat 60
 cccatcgatt cgaattcggc acgaggggtgt ggggctgtaa tttgagctat tcgggaggct 120
 gaggcaggag aatcacttga acccaggaga cgaagggtgc agtgaccoga gatcgtaacca 180
 ctgcactcca tcttgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaaag 240
 taatagggag gcaaatacaga atttgtgtgg gaggaccccc tagttctggc tcttgtagt 300
 atactcaacc tgtcaggcta ttctgagagc gaaagctcct gctttgggct agtttccatt 360
 cagaatgggt tttgatagggt atgaactagt ctaagcaca gtatacttct gtgtaagtag 420
 catagctcct ctacttggct tcatagcatt ggacattaat agagaaaatg aaaaaggagg 480
 gtatggtacc tgccttgaat agcatttgat ttttaatcct acatttatca gagccccagt 540
 ttttaaaatg ttttaatagcc agatgtgctg tttgccaggc ttanaagttg gtaacttctgt 600
 gaatgaaan gtgtgactga gtcacataaa ctggtattca gctagcccag tcatcagttt 660
 attccatatt caagggaaaa ccaaggctgn ttttctctt tatactttga agatgatggc 720
 atttaaaatc aagtaattgg ggctgggtgt ggtggncac atgtgaaatc ctaatgcttt 780
 g 781

<210> 4023
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4023
 gnttatanat acagctactt gttctttttt caggatccca tcgattcgcc cctttgcctt 60
 ccaccatgat tataagtttc ctgaggcctc ctgggacatg cggaattgtg actcaattaa 120
 acctgttttc tttataaatt acccagtcct cagcagttct ttatagaagt gtgaaaacag 180
 actaatacaa tcttgaagca tttcatcaaa gaattgtaac aggagatgaa acatggcttc 240
 accagtatga tcttgaagaa aaagcacaat caaagcagtg gctatcaaga ggaggaagtc 300
 aaagcaaagc agaccagtca agagcaaagg taatggcaac agttttttta ggatactcaa 360
 ggtatttttc ttgttgactt tgtggaggac caaagaatga taacattaat ttgcctattg 420
 agagtgtttt gggaaagtta gccaaagctt tagcagaaaa acacctgaga aagcttcacc 480
 agacagttct tctccaccgt gacaatgctt ttgctcatgt ctctcatcat caagaacaat 540
 tttgttagag tttcaatggg aaatcttttag gcatccacct gatctggctc cttctgactt 600
 ctttttggtt cttaatctta agaaatctgt caangggccc ccagttttct ttaagttaat 660
 aatgtaaaaa nggctgnatt ggatgtgggn taaagtcttc cangaacctt aagttctttt 720
 angngngtcc tnaaanggct ggggggcatt tttttaccna aaggggncnt tggaaattg 779

<210> 4024
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

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<400> 4024
taatcnccttg gtttctaata cntgggncctc gnactttctn cannancenn tgcgntgcga      60
attcggcacg agcccagccc tagatactgg cactactgag gaggatcggt taaaaattga      120
tgtaattgac tgggttggtat ttgacccagc gcagagggca gaagcactga aacaaggcaa      180
tgcaattatg agaaaattct tggcatcaaa aaagcacgaa gctgcaaaag aagtatttgt      240
gaaaattcct caggattcta tagcagaaat ctataatcag tgcgaggaac aaggaatgga      300
aagtcactt cctgctgaag atgataatgc tatccgagaa catttggtgca tcagagctta      360
tttggaagcc catgaaacct ttaatgagtg gtttaagcat atgaattcag ttccacaaaa      420
acctgctttg atacctcaac caacttttac tganaaagtg gctcatgaac acaaagaaaa      480
gaaatatgaa atggattttg gtatttggaag agggcatttg gatgccctaa ctgctgatgt      540
gaaggagaaa atgtataacg tcttggtgtt tggatgatgga ggggtggatgg tggatgttag      600
agaggatgcc aaagaagacc atgaaagacc catcaaattg gtcttactga gaaagctttt      660
gtctgccaat gttgtgtttc ctgcttcacg gatattgcac agtacttgct aantttcaag      720
gaatgccctt canttagcag aatatnggna ttcctttgag cgccacaaa cttg      774

```

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

```

<400> 4025
gnttatatat cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagct      60
catcacactg ttgtataact cgtagctatt acttctttaa tccccaagga cttgtttaac      120
aaagtgttct tcagtttcta ctctctagtt cctttgtgga actggtaaaa atttaaaata      180
tcttaacata atattttatt tcaaatagata aacagtaagg taaaatgtgg ttttctctgg      240
acaacttatg gtagaatgat gtctagaata tttagttagt tcatttaata cttttttct      300
ttacaattta aaaaaaaatt tattttatct tagattcagg gggtagacgt gcaggtttgt      360
tacatggcta gattatgtaa tgccgaggtt tggcctgcta gcgcagccat catccaaagt      420
gaccctagta cccaataggt agttttcaac ctgtgtgctt cctcttctac cttctctttt      480
ggaatctcta gtctattact tccatcttta tggtcacatg tactcattgg ttagctncca      540
cttacaaatg agaccatgtg gtatttgatt tctggttctg agttacttct ttaggatag      600
aggatgaaaa agagtgtacc tccacttcac ccatgtgctg cnaagacatg attcattctt      660
ttatgggtgga tattttacct ttttgcnagg gganagatta aattggccan ntatgaaaaa      720
tgctgnatcc ctat      734

```

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

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<400> 4026
aagtttaaac ctgctctngt ctttgccgat ccctcgattc gaattcggca cgaggggggtt      60
gggggtggga ccctgggatg gggggagaag cagctgtttc tggagagaga aggggtcatg      120
gtggccccag actgtagaga tttttatgtg tttggataca tctgctgtgt ggaaaaaaaa      180
aaactacaaa aaccctaatt ttgtacatac tgtattttta ctattgaact gtattctagt      240
ggctgttcat gctccaagac tttagttacc gagacatgaa tactatccat gtaataagca      300

```

```

cttgccctgga ataaaatata aaactgaaat aaacctgcac tgaaacctga aaaaaaaaaa 360
acaaaaaannn anaanncnta aaananccca aaaanaanta aaaaaaaaaa ccnnggccct 420
ttaaannttt ngggngccgt ttancttaan cccnnnnntn ntannacctt nnttnatttg 480
ggnaaacccn cantttaatt nccggnaaaa aatgnnttnn ttggnaant tgggaancct 540
ttngctttnt tngaaccntt tttaagntgc nataananag ttaccnncna nnttgncttn 600
nnttttaagg tttcaagggt ncaaggggga aagggttttg naagggtttt tttaaattnn 660
cnggggcccc cnngggnncc ccaattnncn ttttgggccc ccgggncccc ccaagntttt 720
tnnnntcccc cttttnangn naaagggggt ttnaatttgn ncccccntt tgggcnnnna 780
aaannnnngng gggnnnnntn aancctntnt nnncccctng nnnnnnaaaa aaattnc 837

```

<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

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ggnnnnnnnnn gnntntaata nncagctact ngttcttttt gcaggatccc tcgattcgct 60
gccatgtcta gtgggctctt ctgggctccg tctgagttt gtcacacctc ctaggggcca 120
gaggagatga tgtggtattt ctatcactaa aaggagtcca agaccagctt gagtaacatg 180
gtgaaacctt gtctccacta aaaatacaaa atttagccag gcatgatggc gcatgcctgt 240
aatcccagct actcgggagg ccgaggcagg agaatcattt caaccagga ggtggagggt 300
gcagtgaccc gagatcgccg tactgcactc cggcctgcgt gacagagcaa gactccgtct 360
caaaaaaaaa aaaacaaaac aggaaaagtc ttagagaaac cttgtgttta ttcagaataa 420
aatgaaatag ttaaaatgtt ttagtgccct ttattttcaa attacatagt cagtatcttc 480
tctcactactg attcttgttt gtatctttac ccaaaatagg agtacacctt tgtcatttaa 540
ttaattgttt gatataatct tncaaaatat ggtatctggc anaggggggt gngagagagg 600
aagaatagca caaggctttt gtttgggtgc ctgcttgctg gttggatttt gagatccaaa 660
tcaactatth ttggatgaaa tcgtagctaa ttttccctgn aacctntttt ttttttnggt 720
ctctgngccc attggntgct tgggatcagg aaaatgccct atanttttng gctatttttg 780
catttaa 787

```

<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

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agnntttatn atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcaoga 60
ggttttctcc tgttacatca tgctgaatcc tttcccttag ccattagctt ttatgatgtg 120
gtcttcgtag gaaagccacc ctggtgccaa gcttagcttg tggggagggg tatgtgttcc 180
agaaactgct ctttgtgttc ctttcaatga ggaaacaaca tgtgtctact tatgtggcat 240
ccaactgctt ggagctccac acttcccttt cgcgactcag gctctgggtg tgttgccaat 300
ccttgcttgg caaagactgt tcgatcatgt ggggtcccta tttacaagg aaagctgggc 360
cagaaggcta gcaattcang tgttaccgct attgctgtgc cttgtgttan gacatttgtg 420
gtgtgcatgg actgngcctc caaactcagt agttccctatc taaatatnaa gtatattaca 480
aacctggaag tacagaatct caaccttaca gtctttccct tantcctgtg gccttctaac 540

```



```

canctgntaa cgtgttgatt ccttncaactt ccccaagtag gcangcacan attgtgancg 600
ttaaaaaagta atctgggtcc tntgactcat tgaattcant ttgcgcntct ggctggaaca 660
nntgttggtta cagnttttaa gaaaattgct ggntgccna taagggtggc ctggtgctcn 720
gggcctgngg ctn 733

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<210> 4029

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4029

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gnnttttagat cagctcttgt tcttttgcag gatccctcga ttcgaattcg gcacgagagg 60
agaaggagaa agcacatgaa ggagcaagac ccatgagagc catcttcctg gccgatggca 120
atgtcttcac cactgggttc agccgcatga gcgagcggca gctggctctc tggaaatccga 180
aaaatatgca ggaaccaatt gctcttcacg agatggacac tagcaatggg gtgttgctgc 240
ctttctatga cctgacacc agcatcattt acttatgtgg aaagggtgac agcagtattc 300
gctattttga gatcacggat gaatccccgt acgtccacta cctcaacaca ttcagcagca 360
aggagcctca gagagggatg gggtacatgc ccaagagggg acttgatgtt aacaaatgtg 420
agattgccag attcttcaaa ctctcatgaga gaaagtgtga acctattatt atgactgttc 480
ccaggaagtc tgaccttttc caagatgacc tgtatcctga cacagcgggg ccagaggccg 540
cgctggaggc agaagantgg ttcgaaggca agaatgcaga cccaatcctc atctncttga 600
acacgggtac attccangca aaaacagggg tctcaangtg gtcaagaaga acattcttgg 660
atagcaagcc cactgcaacc aagaagtgcg anctgatcag catncccaag aaaaccacag 720
acacgggctg tgancaaaaa tgaacttgta ccgaccatgn 760

```

<210> 4030

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4030

```

gnnttttana tcaagctact tggtcttttt gcaggatccc atcgattcga atttcggcac 60
gaggctgtac ggagagtgtc ggaccgaggg gagctgggag caggactctg ctccatcctg 120
agctgccgtc ctttgaaggg agaacctggg gtagggttcg aggagcctgg cgagaactgt 180
gcacctctc gggaggagca gccccctcct gtgctgcttt cccccctcct tcaatatgct 240
ggggcggaga ccttggcctc caaagtgcaa ttccgggacc ccaaatacca gcggacgcac 300
caggctcagg ttggcgttcca ggtgtgtgtg cgccctgggt cctacacccc gggacccccct 360
tccgtgccc ttggagaacc tccctgacct cacttcagtc cagccgaact tgagtgggtc 420
actaaggaga agggggccac actcctctgt gccctgctgg tacgggtgga atgaggggtg 480
agacaccact actacaagca cagtccggcc gcggggccat ggactctgan tggcgactgc 540
cttcacctca tccccgtgac tccgtggcat cncangtgct ggancctggc agccgcncan 600
gaacatgtag gcaggctctt aaatgtaggt ggcaagtggc acaacttcca tgtccgaggc 660
ccacaattcg gctgatggaa gagtctnggg aacccaantt cagccctggg accccttttc 720
atgcntgatt ngggaacatg actcctttta ctncccn 757

```

<210> 4031

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4031

ttttgttcca	ttcagctctc	gttctttttg	caggatccca	tcgattcggg	ctgctgataa	60
aatattttaac	cccaagaaag	tgaaaactaa	tataaaaatta	gaaagaccta	tccaaattag	120
acagtcaatt	ccattaaaat	aagaagtggg	aaaaacaatg	ttgggcattg	aggtgtaaat	180
tttgcccaga	tgtataccca	gtgtgaaata	tcttctaata	aaaatatatt	tggtctttat	240
ccctgcacat	gtagaggcat	aaaaattggg	aaacatgtcc	cgctgtgtag	aactttaaaa	300
aaaaggcatt	tttgaaagtg	ttgagtggca	ctgataactg	gtgaancnnn	nntnnnnnnn	360
nnnnnnntnn	nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ntnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	776

<210> 4032
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4032

ngtctaattc	tggtctctcg	tctttntgca	ggatcccatc	gattcgaatt	cggcacgaga	60
ggggccttac	attactttct	tgcagcactg	atggcttntg	nttgaggctg	cacaaattcc	120
tgcatttccc	ttgggttgaa	tgggagggat	gggggcagtt	ggtgactggg	tgaaccacct	180
gacttgagca	gggctacgac	tctctctgca	aacnaaaccc	agagacatga	acagtgtctga	240
natttctcag	tggtttccca	tgtaggctgc	tttccaaggg	cancaagcat	ggcttnatca	300
ctcaccagct	gcttctgatt	cagcactgtg	atgctcgggt	aanttttaat	gaggttntaa	360
atnttttctg	atgtacgagt	gtttatgcca	acaaagatgc	tgaattgtaa	acaccancaa	420
tctgagtacc	ttcttttgat	tncnntctnc	atattgaata	atccctntat	ntttgtgcgt	480
annatgaaat	tgcattngat	gtatngggtg	anagtagatt	ggtnatactt	tncaaggaca	540
ggcaacaatt	tcacgatnna	acttcttaaa	aattntntnn	aacaaatgtg	aaaatggatt	600
nttcttccaa	aaaaccnttt	ttccttttgg	cacataccca	ancaantgac	ccngaaattt	660
aaaagtaatt	taggngacnn	ganttttagat	gattaagggc	nngtttaacn	tttgacagct	720
ttttgcctct	ttttaaaagg	ctcggantcc	ntttntagnn	aactcgtctc	ccnc	774

<210> 4033
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4033

```

gnnnnnnnntt tnaaancntt gctacttgcg cttgcanttt cccatcgatt cgaattcggc      60
acgagggtaaa catacaataa agctgaaaat tttagtgcact acttatatgc tcatcatcta      120
gattctatcc ttgagtaatc tttttttata aagggtattga tgtaactatt ttataaatga      180
aaaactacac actaaaaacc aaatatgtga tctccagcat cacagaaatg aaataaggat      240
tttttttttaa cttaggtaat attgcttgaa ctgtagtaat tcaaagttag caatttcaaa      300
ggtagaattt cccatgtatt actatactgc ttcacatcag ctctattaat aaaagtagaa      360
cagttgcaaa ggaactttta tgatctgttt tgacaggaca gacaatttaa aaagttgtta      420
ataaagggtt ttagaattca ctataagcct ttcattgtggc tttagtttag cacatggaga      480
tccgttctgg gacgaaagt ttggaagtatt tcaagaagta aaaaatncca aataatttat      540
aggggcacna gtggtttgaa gtactgggta ggattanaag ngggtcttgg cattgnccan      600
aaaccanact actttgcaca attatncttg aattcctaata catatccact agcctactct      660
cttaaatgac cccagaaacc ttgctcttaa catttaagac aatgggaagg tcttgctttc      720
taaaatgcc tttattttta tacccttgc caataaatgg aatttnacn      769

```

<210> 4034

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4034

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cgcaattttt annatnctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agctcaccaa ttagcactgc caccgcaggt ctgtgaattg catgtgaaaa tagaatttgt      120
ccagaagtgc tcatgcaaat tgtgcaacac aaatgtggcc tccatgtcaa gtcctttcac      180
gtgttctgac agactcatgt ctttcagat ttctctgac ggccgcccc accccttga      240
cagttaccag agctcataag ccaaaggaaa tagttcctgt tgccatgagt actgtgtctg      300
tggtgaggtt tatgagctgc tcttagggct ggggtttttgc ctgagaaaac aatcagattt      360
cgcttagatc tgcaaganag cagattagga agggaaatata tgcaaatatc tatgttaatg      420
cccaaacct ataacttggc ctcatgggtgc ttgtgtagca nttctcttag agaaaacttt      480
ttttgcattt aatatatatt tcatgnnttt gaaaatctgt gttcatgcaa agaaacctgg      540
aaagcaaaag catnaggtca aatatgaact tggctnntat tcatataatt ggggtatatc      600
atatcttttg tgacatanaa cngtntcttn ataaccatct ttgcttttnc attggaaaaa      660
atncagcttt cctgangagg aatatntttt cantgncnct nttaaaccct tngannngnn      720
tngnngcggg nanngggccc n      741

```

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4035

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gnnttnanat acagctcttg ttctttttgc aggatcccat cgattcgcag gactcaagat      60
gactttctaa ggtgatttgg ggatgcagt tatgcatttt ttactcttt ttgaaaaaaa      120

```

tcttttcttc	gcctttggag	tgtaacattt	ggatagtttt	attcagccca	taataggacc	180
aaaggggaag	ggataaaaaa	aaattcttta	aagtacctca	gataaaaaag	ttttgtgaag	240
aaaaggactc	aaaatccctag	gttatacca	gactttatgt	tcattttgaa	ttttctttat	300
tcattttttt	cctctctgtg	tatagaataa	tcaggagata	ttggtgggca	gaactgttgg	360
ttgataacag	gaagcagagt	atctgagaaa	ggccctcatc	ctgtttcctt	ttggagctac	420
tgaggcctca	catgccagcc	attttaggat	ttgatgaagg	ctagagaaga	gttaaactga	480
gccttcactt	actcagcatc	agtaggaagt	agtgttggct	acactaaaaa	caccgttgtg	540
ccagtgaag	tttgggggga	aatgacaag	ctgcctgtga	taaacaagca	aactgtgaca	600
aactttttga	tgtgtagggt	ctgaagcttt	tcaagtttac	cgctctcaaa	agaatattta	660
tatatatata	tatgccccac	atgcccnaatn	tngcattata	tacctttnga	tntacctgga	720
aaganaaaan	gatgaaatgg	ccngtaaaaa	ttggaanattt	ccaggggaacc	cgatc	775

<210> 4036

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4036

ngnnttttnaa	tatacaggct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcttttag	gttcttgatt	atgtcactgt	aataaagcaa	ccaatggacc	tttcatctgt	120
aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	gactatttga	gagatattga	180
tctaactctgt	agtaatgcct	tagaatacaa	tccagataga	gatcctggag	atcgtcttat	240
taggcataga	gcctgtgctt	taagagatac	tgcctatgcc	ataattaaag	aagaacttga	300
tgaagacttt	gagcagctct	gtgaagaaat	tcaggaatct	agaaagaaaa	gaggttgnag	360
ctcctccaaa	tatgccccgt	cttactacca	tgtgatgcca	aancaaaatt	ccactcttgt	420
tggtgataaa	agatcagacc	cagagcagaa	tgaaaagctn	aagacaccga	gtactcctgt	480
ggcttgcagc	actcctgctn	agttgaagag	gaaaattcgc	aaaaagtcaa	actggtctta	540
ggcaccataa	aaaagcgaag	gaagatttcc	angcaaagga	tgatagccag	aatgccatag	600
atcacaanaa	ttgaaaagt	atccagagga	aactnaagga	cncagtgtn	gatcataatg	660
aggacccgga	aacnccagga	aagtcttcng	gnnggaagaa	aattgaaaaa	ccngccaaat	720
gccttttgaa	agccaaactg	ggaattgaga	aataattcaa	atncttggaa	atttaggagn	780
aa						782

<210> 4037

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4037

aanngtttga	anaccnngct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagggttc	ataaacacat	ggctaacaaa	gtaaagcctt	caagtctggc	acagactctt	120
gactacacga	tggaagaaag	gattccaatt	acgatttaac	ttgtatttta	aagatgagaa	180
aagaaatgaa	taagaaaatt	tgttgctatt	tttcttcttc	caaattagaa	tctatatctc	240
taaaaatact	ttgcatgttt	agtaaacatc	catcttgaac	agaagatacc	ttgacatcag	300
ttctatttta	tacttatggc	aattaagaga	tttagaaagc	agaggaaaag	acaaaaaaa	360
agtatgtgtt	acaaagtgtc	atcatgcttg	taggacccca	gcattcttga	aactaacgca	420

ccttttaaaaa	gtaatatatta	cactgctgta	aatatattgca	aagtatcaat	gtttaattca	480
cttagaattt	taaggattat	ggatttacta	gcgaaaattc	ccctaaagca	actttcccat	540
atcagtaact	tttatttagg	gaaacaagtt	taatgtcata	atacatgtga	ccttggaatt	600
caatagaatt	ttcgaaacta	gaagtaactc	agaaccgttc	actagatgtg	ttttaaaggg	660
ctnttttgat	actggcctta	acatttgctt	atttgcaa	taatatgtaa	agaatgggtt	720
ctaaaagtaa	gttttaagga	atgggtattt	cnmcaaaaat	gttatttcct	attnc	775

<210> 4038

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4038

ngnnnttttna	gatacagctc	ttgttctttn	tgcaggatcc	catcgattcg	aattcggcac	60
gagcccaaac	ctaatttagg	agtaaatttt	ttgtagcaga	tagccagatt	tcagccaatc	120
acaggcttcc	agctaacaag	actatgcccc	aataaggcaa	atgcctcatc	acatgatgct	180
caaatnaggc	agccacctag	gcnaggccaa	tcaggtaact	tttctacttt	gcttaattgt	240
tcagcctgta	caaatttgct	gcttatgact	gctgagcaga	gctgtctnaa	cctcttctgg	300
tttgaggtgc	tgccctatat	atgaattggg	ctttgggtcac	ataaaattgg	ttaaatttaa	360
cttctctaaa	gttttgattt	aaattgtatg	taaaacattg	gtagcacaat	ttggattcag	420
atacccaa	attgactatg	ataatgtaaa	taatccttaa	gcagactgat	ttacaaaggc	480
ctgaacaagt	ttgatattct	gaatattcac	ttcttctgat	gaaaaaattg	ccaagacctt	540
ncaattggca	gggaaaaaaa	atgtgtgttg	gttaaataag	ttatgtttta	caaccaagaa	600
catttaccac	aanttaggaa	aactctttac	ctatggcccc	nggcacctat	ttttaaacca	660
cacccttttg	gtaccctttt	ttttaaatcc	ctngaaaaaa	attttnttaa	attaaaatat	720
ggccttttta	aatattta	ttggnanttt	taatanntta	angtggnant	tttaaattatt	780
tggccccctg	gttttttggg	ggaaattaat	tgcncgcaat	ttaan		825

<210> 4039

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4039

gnnnnnnnnn	ngnnnttttn	aatatacagg	ctacttggtc	tttctgcagg	atcccatcga	60
ttcgaggata	tgttgacta	gtngttcctt	gtgactggaa	tattctctgc	ccaaactttg	120
aaaggctagt	tagttacttc	tcattcattc	ggcttaggtt	aagtgtttcc	tccttagagt	180
tcttctctga	tttatcttcc	ccccagtc	aagtgccagt	cacattaatc	tgacatat	240
ctccatacag	cactcatcac	tgattgatna	aaaatctatt	ttgccatntt	tctctctcac	300
tggaatatta	tgtgctcatn	aagaagctac	tcgtgtatan	tgntcctgat	cgtctgngct	360
gcataacaga	ttacctgtgt	catataaggt	gcacaataac	tatatgcgnt	gcgtgaatga	420
ncaaagcttc	tctccagtc	nttttcaaat	cttctattcc	atcacgactg	aaccaaagg	480
aatgtacta	gacgttctgt	ctggcagcct	tggtccatgc	ttagcctttc	antgattgcc	540
antatctttn	atgatgctgg	gccttngcct	tnaccatggc	tagaatgtta	gantnatgaa	600
cnaananatg	ccattttgat	ccctgctg	ttcacctnan	tatggngcct	ggcaagcctt	660
taanaacntn	atnactcagt	gnaccaaatg	aatgagtaaa	cgaccttttn	natccttttna	720

aggaantnaa ttngcctgnt tataggnaat ngttggance naattccaac ttnggccaat 780
tggaaccc 789

<210> 4040
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 4040
gnnntttttt gatacagctc ttgtttctttt tgcaggatcc ctcgattcga attcggcacg 60
aggcagtctc ctgagccaga gtgtgctcag acagagtcca gctggtggaa agggacttat 120
ggagagaaaa agaaaagcga ttagaaaaa ttgaaaagag gtacagaaac agctggattg 180
gttacagctc ggtgtttgcc ttattttgaa cagggtttga acagttggcc acctttgggt 240
gctcaaaact tgggtgattgg cacaagagta gggtacagtc tgtttgcaca tccatttagg 300
ttgcagttca ctgtgtacag agaaaccttt aggctgaact taaaacgtgt aaggagacag 360
ctttctgctt gatttaacag taacacgggt gtgtgttggg aggtagggag gtgggggctc 420
tttcttntnt nannntgnct ttttncacaa canttntgan gantnagctt gtnatgnatt 480
tgngcaactg nttntttntg tnattntaan cnnngancnnn cnnnnnactn attttnanat 540
tnanaaaaan tncatnnnnc nngcnnancc ttncctttnnn tncctgncnaa tnnnnngnng 600
nnctnnnnac nnannatnng nntnntgnnc tgnntnngnt ttntttttnn aananntnt 660
ntnnggnnnn nnnnnnnnnnt nctnttttna annnnnnnnn nngnnttnnc nnggnnnnna 720
annnnnnnnn nnnntnnncnn nnnnnnnnnn nt 752

<210> 4041
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 4041
gnnttttnaa tcagctcttg ttctttttgc aggatccctc gattcgaatt cggcacgagg 60
tcagccagc tcacggccct ggctgcccac cagcaggccg caggggaagga ggagaagagc 120
aatggcagag agcaagattt gccgctggca gaggcagtac ggcccaaac gccaccggtt 180
gtaatcaaat ctgagcttaa aactcaagag gatgaggaag aaatttctac tagcccagggt 240
gtttctgagt ttgtcagtga tgccttcgat gctgtgaacc taaatcagga agatctaagg 300
aaagaaatgg agcaactagt gcttgacaaa aagcaagagg agacagccgt actggaagag 360
gattctgcag attgggaaaa agaactgcag caggaacttc aagaatatga agtgggtgaca 420
gaatctgaaa aacgagatga aaactgggat aaggaaatag agaaaatgct tcaagaggaa 480
aattagctgt tcctgaaata gaagaataat ccttaacagt ctgcaaactg acattaaatt 540
ctagatgttg acaattactg aatcagaagg catgaaagag tataatttta tgaaattcaa 600
aattattctt ttttcaagtt gaaacttgcc tcttctactt taaaaaagtn tntngaacca 660
gttacttcta ataatacaga aggagatggt ttatnggaca tttctttaat ataaagttag 720
agatgtcttc ttagcagtat ggctatcttt tgccacagaa cata 764

<210> 4042
<211> 757
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4042

gnnnttttat	agatacagct	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagggttta	tacattttat	gttcttttgca	aaactggagc	cccagaaaga	atacaaagtg	120
agcttctgtt	cccacttctc	ccagaatagc	ctaggatggg	caaccatgta	aaattcaata	180
aaaatccaac	cttctaacta	actcgtgggtg	ttggagagta	ttaagcattt	gaaaagttca	240
ggtagaattt	tcatectttt	tgagctcttt	cctagctgct	ttgctgtgat	atatctgtca	300
ctccagatga	gggagtagtg	gtggaaaagg	aatgcattct	cagattcatt	gttggtagtt	360
caaaagaaaa	taagtaaacc	ttattcattc	tctgaagtac	tttccaccac	tactacaact	420
gatccaagaa	aacaatttcc	cattggatgg	tattattcag	agtgttatta	acaatcagtc	480
ctgaattttt	cagaatagta	ctaaagttgt	cttttttttt	aatgggttcc	tttcttcaag	540
gttatagtaa	agctttttta	taaccttcaa	agaatacaaa	gtggaatttg	taatttatng	600
gatatacatt	cctagttttac	aggtactatt	taaagctggc	aaatttanat	naagatgcct	660
tccctttaaa	ttgccccctt	aaatctatgg	catgtctcac	ttaagagttc	caatttcaga	720
atttcatggc	aacttgggaa	acggcntgan	ggaattt			757

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

nggtntttta	aaancngccc	gttcttttgcg	gaccctcgat	tcgaattcgg	cacgagcttg	60
aagtagaatt	tttttttcatt	ccttacactt	ctcagtgagt	ggtaactgta	gttnttgcta	120
tcatttttca	ttttcgtttt	tgcagttgaa	catacttttt	tcactcagag	agttggaggg	180
acttgcccaa	nactgcccaa	tggcaatgag	atttcaacct	caaataaatg	ttctttttta	240
tgcaagatga	ttaaagagtng	gattcancct	aatttaggat	agaataaagc	caaatanntt	300
aggatagggt	ctttgggtgt	catgggtgta	atctaagtcc	catgatgcaa	gtggcagagt	360
anagaattag	tgcacagcaa	taattaaagt	gacatattgc	caaaggaagc	ggtnttagcc	420
cattatataa	tacctttttaa	aggacagacg	catactcagg	tttatttttac	ctgctgagct	480
tctgccttag	aagtttttcag	aattgtgatt	acattgaata	ggaaaaaagt	ctgaactatc	540
agaaaccagt	gccgcaactt	tgacaaacaa	ctgattatta	taataatctg	cctctagcat	600
gagactatnt	taattattat	ttaagctctg	gnngacttca	ttaagcagcc	cagtnaccac	660
cngaaagggt	aaagattatt	aaaatggaaa	ggaatgggta	ccaattnggt	tattaattcc	720
gggaaccctt	aaggcangga	aaaatgggct	ttgaaacccc	aaaaaggtgg	gaaggctgca	780
antgaac						787

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

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acgaggggga	aagttttcag	ttgtattatn	agntggatto	tgactatttg	ccataactgt	120
attctataca	cttgctgaaa	acattgaatt	agggaatact	gaatcatggc	tcctaaggga	180
aagacagggg	taggttcctg	gaagcctctg	gtcacaacat	tttcaccaac	tgatcaatag	240
ataaccttgt	tntgtttatg	tntgtgttta	gagacattta	atatatatng	ttgacttact	300
aacatcgaa	tcattggcaa	tagcactata	acttacggct	gaacaaagct	tatcaagtct	360
tttctctata	aggcacatcc	caccttcttg	cacttaggag	cactagacgg	catttctcag	420
cactatacaa	ggggctattt	aaaacagaat	aatcacccac	aaaaagcaca	acaattcana	480
aaaannaaaa	gcnaaagtct	tananaacan	aacattgcat	aananttnan	aatcagnaaa	540
aanttngecc	tttaaaccnt	taggggncgn	ttcccanngn	ccnanentna	tangatccat	600
tggtaanntt	gggacaancc	ncanttgaag	gcnnatgaaa	aaagctnntt	tngggaaatt	660
tgnnatctnt	ngnttaattt	ggaacctttt	naacnctttt	aaccnnttnc	cacntccntt	720
gnattnattn	nntnttnang	gttcangggg	aaggtttttg	naagtntt		768

<210> 4045

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4045

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gccagaagtg	aattcatctc	acaaaacatg	ttgactctag	actgggtgct	cctccagcta	120
ctactacccc	cattagtcac	ctagtaaaaa	atgacgacat	ttcatcacct	gcacatgaac	180
cgttttcccc	ccattttctta	atcatgaatt	notgtgtctt	aaattattaa	tggtctagac	240
taggtctggc	agtaaattnc	tntctcctgg	atttttggcc	caactcgagt	atttttgaaa	300
aaccgacaca	gtatttttagg	ggagcccaaa	aaccatgatg	ggaaaaagaa	tgagctgggt	360
gtaaaggaag	aggggtggcag	agccccctctc	cagcagtgtc	cacagggact	tccccagggc	420
accaggcacc	atctggagac	ggntttgggtc	acactgggat	tgcggggagt	cacctagtgg	480
gtggaggggc	cagggatgct	gctgaacacc	caaagtgcac	aggatggctg	cagtcganca	540
tgtcaganaa	aggggtctggc	cccaaaagcc	actcgcgccg	gtggctgana	caancttgga	600
gcaaggggaa	cctttgggtca	aggnccccan	gttttttaag	ctaaaacgta	aancaggaac	660
cattcaagcc	aagaaggagt	tcccaggnac	gttttttttn	ttanggaatg	gaccctttaa	720
gaaaaattga	aaancatnnt	taccatggg	gttnaaccce	catggaaatt	tccgggcca	780
attccaagtn	cctn					794

<210> 4046

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4046

ntgnntttta	atactngctc	tcgttctttt	tgacggatcc	ctcgattcga	attcggcacg	60
agactgtgga	gagatctcag	ttttctatc	tgtaattgct	catattttga	atgctaagtt	120


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ttcatcaacc ataattttta cgtgctctaa tatgtttctt cacagattca tgccatgttc 180
agtttaaaag agtcctgttc ttttaataca ttatctttga aatgcctctt actgaggaat 240
gactaaactt cttctgaaat gtgctctctg gattgaagtc aagagtacat gttgcaacaa 300
agataatcat gacttttagt attaagagac aattaccaga ttgagtgtta cttanaaaaag 360
tttccctccc tgtgcagaga ttactggctt atcaaacaac ccgccccatg tgggccatat 420
atnattgaga taattantnt ccaactgata ctaaaaggng taattgggat aaattaattt 480
tagcaaagag tcctgtntcc aaagaaattg ggtcatgtat ttggcaatta ccaaaaagtc 540
agtngtcaaa tatgaatgat accgtggtgt gcagtgaaca atcaattttac tnaagggagg 600
ctggccttta ccttcgctct tngagacanc tctagcctgg aaatcatgcc tgataggatg 660
tcttntctgn ganggactga aaataaagaa tacctgaaat ctggangatt ttaagagggtg 720
gtgtgaatct gttnaagaaa ggtgaggaan 750

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<210> 4047

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4047

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ccctttnaan tcccttggtg tnnannagnt nggaaactna agcttcgtaa aaganaggnt 60
tggaatnng gncggggag gaagcattca catatnctag aatantatga cttggctatc 120
aacccttgc cggctgnagc tccccatnng ctgtagtcct gtatgtgcta taccacacct 180
anagcacggc gccatgcctg gctaatttat nctcataact ttctacagag atgggggtctc 240
actatgttgc ccatnctggt cttnaactcc tgncttcaag tgatctncng cctgagcctn 300
ccaaagtgtc gcgattatan acttnaancn atcgacttgg ctcaaactctt ngttntaatt 360
ggncctttng tcagaaagaa tgtgccactc tgaantttgt tccnnatatt gnnntcttna 420
atcacttnna acctattnta cannnatntt natttntctca tgaaantgct gggattatnn 480
acatnaccac atagtgttgc gctcaaatat tcnnttcaat agnnnctttn atnncanaag 540
actntgccac tnttgatttn gnntcangng tgtaagctt agtancttgc acttanctgg 600
aacctattat ncntttnaat ttacttnna tnnatcttn ctaatcnnaa tntcnatctn 660
naatnnanct ttntaatnnc atctacnnc ngnttttnna attttntctga tnaactggnet 720
anttttancc ggnmttnta aataacgnnc nnaccnanat ntntangcat nnactcttcc 780
cntgtanttt tctncnaata aatntnncgg naanatacnn nacc 824

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<210> 4048

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4048

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tataatctgg gggtagagag caagaagaag tactttgact ttgaggagat tctggccttt 120
gtcaaccacc actgggagct cctgcagctt ggcaagctca ccagcacccc agtgacagat 180
cgaggaccac atctcctcaa cgctctgaac agttataaaa gccggttcct ctgeggcaag 240
gagatcaaga agaagaagtg catcttccgc ctgcgcaccc gcgtcccacc caaccgcga 300
gggaagctgc tgcctgacaa aggactgctg ccaaagtga acagcgctc ctctgagctg 360
cgtaagagag gaaagagcaa gcctggtttg ttgcctcacg aattccagca gcagaaaagg 420

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cgagtttata	gaagaaaaag	atcaaagttt	ttgctggaag	atgctattct	ccgagcttcg	480
caatgccgct	aaggacgaca	agaagaagaa	ggacgctgga	aagtcggnca	agaaagacaa	540
agacccagtg	aacaaatccg	ggggcaaggc	caaaaagaag	aagtgggtcaa	aggcaaagtt	600
cgggacaagc	tcaataactt	tagtcttggt	tgacaaaagc	taccctatga	taaactcttg	660
taaggaagtt	tccaactatt	aacttataac	cccaacttgt	ggctctctga	agagactgga	720
agattcgang	cttccttggc	caagggcagc	cctttaagga	ncttccttat	taaangann	779

<210> 4049

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4049

ttccaannng	ctnggttctn	atncttggcn	annaaaaantn	ggtnggaatt	cggcacgagc	60
tttgcagcct	tttcttgccc	ttaaatttga	tacctttggt	gtaggagctg	cataagngac	120
agttgctgnt	tttacgttnn	cacgcgtgat	cttgaccctg	ctagcctgaa	gtgtatgggt	180
tctcttagcc	agtttctaatt	tttgttcagg	tggaagatgg	atgcctgaag	tgtagactgc	240
tgctagctga	ataccatntg	ggagcataaa	ggtgacctga	aggtagggng	atatgtctta	300
aagcactttg	taatgggaat	ttttatcacc	ttttaaattg	gggttccttc	tctagtgaat	360
tttaatgtca	gtaggtagat	tcngtantgt	tgctctgtct	gtagctatta	aggngagtta	420
ataaatggga	tagcctccac	agcttatttt	tggaagaggt	ttgctgatac	ttcctgagaa	480
gcccanggaa	ataaatacgc	atagtctggc	attctgcatc	ttctttaaga	tttgttnta	540
tgtgtangta	attgagtttt	ttaaaagcct	gngaaatcng	cangcatatt	accaaagtgc	600
ttgattaaaa	tggtaatnnc	aanaaatntt	tngctgtcna	attgagtacn	tttaatttca	660
nctcttaaatg	atggncntc	ggtgnangga	ttttgaaaaa	ttccgaatct	ttcaccatng	720
aacttaccct	aggaattcan	ttnganaaat	tnnncatggg	naantcttgn	nnggantacc	780
tgaaccataa	atttcccngg	tcncg				805

<210> 4050

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4050

tccccttttg	aaccttgtcc	aatnagtctn	ggttctaatac	ncttntcnan	nagnnaggng	60
ntgggaattc	ggcacgagta	ttagtataaa	gtatatatgg	acatcttttg	gaacaaagat	120
aactaacaaa	agacaagaat	tttcaagaag	gaaaacaaaag	aaaaaaaggt	aatcagggtta	180
tgttacatag	nttanctgct	tatagttntt	ctttgggtct	gctcatggaa	acacaatgac	240
tatcaatcta	agtaagacta	taatatatta	gaaggatggg	tgatgagaag	tgtgaagtgt	300
tgcaaaaggta	aatccttatac	ttccgctatg	aagtatcaat	aagcaatgcc	caaaaaaatg	360
aactattaag	aagtaactgt	aaagttatat	catttanaga	tagagtggag	tatagcaaat	420
gaatcagcta	aaatatnttn	aaaatgggta	ccctctgggg	agtgggaagat	acatgtatgt	480
attgnggggtg	ggggatgcac	tgcaatgaga	tttctttttt	ttaatccttg	tggtactact	540
tagntctcta	aactatttgc	atctataact	ttgctaaaaa	taacntttaa	atttncaaata	600
tgatcactct	tgtnatcagt	tcaaatngaa	acaaggagat	aacataattg	ctaagnttat	660
ttttggcata	ttnatcacnt	tgtatatgtg	tcantgagaa	taccatgtta	cattcctctc	720

aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaacna ttntngnant 780
ncactttng 789

<210> 4051

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4051

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togattcgaa	ttcggcacga	gatttgccct	aatcttgggt	tactagtaat	gctatctgcg	120
ctgtgcgtct	aaagcctcca	gaaagattgc	tcaggcatgg	cctaatagct	tttatcagtt	180
cactcagtg	ctcttacact	ttgatacctg	aaacctagag	ttaactgtgt	aggaccaagc	240
tcttctgaag	gagtcaactg	ctctcctctg	tcaataatgg	ctgtttatgc	caaaacagcc	300
aagagaacct	ccccaccccc	ttccctctgt	caaagtgaag	tggaaacctaa	gaatggaagc	360
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cactagaggt	caggagtttg	agaacagcct	ggccaacatg	gtgaaaccct	gtctctaata	540
aagataaaaa	aattagctgg	gtatagtgat	gggtgcctat	aatcccagct	actgggagggc	600
tgangcagga	gagttgcttg	aacttgggag	gcagcagttg	cagtgcagctg	agattgtgcc	660
cctgcactca	aagtctgggc	gacagantga	gactctatct	taaaaaaaaa	aaaannaaaa	720
aaaactcgac	ctntagaact	atagtggagt	cgtattacgt	agatccnact	gataggatcc	780
attgg						785

<210> 4052

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4052

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atggaagggc	caaagaggaa	agtgggcaat	gggtgggttg	agaacgcagc	ttctggactc	180
agcaggcctg	ggttcaaact	ctgttaatca	ctcctgttaa	tcccagcgct	ttgggaagcc	240
aaggaggagg	gatcacttga	ggccaggagt	tcaagaccag	cctgggcaac	ataatgagat	300
tccatctcta	caaaaaataa	aaacaattag	ccagggtgtg	tgggtgcacac	ctgtagttcc	360
aggtacttgg	aaggctgang	caggagaatt	gcttgagcct	gngagtagtg	agtcattgag	420
gcagtggcac	gatcatggct	cacttgcagc	cttgacttct	naggcttagg	tgacccccca	480
acctcactct	cccagggtgg	tgaaactaca	ggcacatgcc	accatgcccc	agctgatttt	540
ttttagagag	cagggtctca	ccatgttgcc	aagctagtct	acaaaagcat	ctganttttg	600
gaagtacatg	gaatttggtg	taacaaaant	atnttgaatg	gaaatggctc	tcantgtatt	660
tntggaattt	tccattaaat	aatttggcct	ttttccttga	aaaaacatan	nnctnctttn	720
tnntntnnat	acttnccctt	tnnttantat	tatanaatnt	cnttcnagcc	ctttnncaan	780
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<210> 4053

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4053

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ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaacccctgt	atccagttat	ctatgatagc	aatggtgtcg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aataactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagtga	360
tattgtgaga	atcaatttac	ggtcgaagct	gctgaagtgg	tttttcctaa	tggaaaatca	420
catacctttc	cagaattagc	ttaccgaaag	gagatggtga	gagctgacct	aattaacaaa	480
aaagttggaa	tcagagaaac	tccagaaaat	cttgccaaac	ttctgaccag	gatgtattta	540
aaatcagaag	tcataggtga	tgggaatcag	attgagattg	aaatccctnc	aaccagagct	600
gacattatcc	atgcatgtga	tattgnagaa	natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga	ctcttcccga	aaactttcac	cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac	ttnttcgaca	tgaccatggg	cannccgttg	gcttcacttg	aaccactt	778

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054

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ctanccang	agcctctggc	agacttaana	gcctgctgnc	ctcaccagng	nncnaccatn	180
gccggnctga	gancnagtgn	ngagtcacag	ntccagncan	aatgccnaac	gcctcnanct	240
gntcctgaen	gntnccnagg	ggacaccata	tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc	ccagangggg	ctatcctagn	cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac	ctncanacna	tatggnanng	acacactatg	gaagtctgga	attncatgga	420
nattttnatga	tatgaantaa	ntgtgtangc	tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaanng	annctggacg	ttgcngacnt	gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac	atnctgggct	tgnnnatnga	tcctgntgaa	gcaannctgc	gntgtgatta	600
ttaccogtng	gctggngncc	accagcactg	gctaatgctn	tacggctnna	gtntctttgt	660
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annttaacct	tacntnttcc	ctat				744

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4055

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aggcattcca gatagtgggt ctttttcagaa cttttttaaa aggggttggtt aactacctca      180
gtagcagagg attgaactat accctgtctg tactgtacat agaaaatctt tgtagataaa      240
agcaaggctt gntnaatatg atatgagggt aagatttttnn atanaccnan tgtaacnttc      300
ttagngcctt tagtttcaag aggccttgcac acttntntat naccantatn acacgcctng      360
nntttntcnn annnnnctnc tgcacacaca nacctntnt tntctgtatt tctgntneca      420
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ccnccgacac ttactnctnn cctnccnct nncctcnncc tnnnnnnnnn nnntntncc      540
nccccnnnn nntcnnnact atctnnctcc nctanngtc tnncttncnn tenantntnt      600
gentcnnnn ttctnntttt tctnntcatn tcnancnnc ctgnnnctn nncnnnnnc      660
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nccatgntn ncnntccnn atttctatn nngnnngntt acctctctc nnnatcnntc      960
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<210> 4056

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4056

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aacatgcaag attttccaga ttataccctt gatagaatag ataagttcct taaggctcag      180
atcttgctta aagtcgtcca gcctgttaga gacaagtaga acacgaagct ggcctctgga      240
gtctttattg agtactttgt acaattgggtg tagactggga gagccctcct cacttcccct      300
ttcttggtgt gtaatttctt gtggggcgaga acacctcaga gggttctgtg catcaaaata      360
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gttgngtttt ttataaaaaga taacgaggca ttccttccag aaatgtggag ctttgtaga      480
tttcagtgc taaaacccaa ccatgatttc ctgcagtgat cacagagcag agangggaga      540
aagccctttt atcacnaacc ancaggaagt ctctgtaaaa tnggtaagga ttctggttta      600
ntgtgaagaa ccccattttt gngtatgttc tgggccctgg gaaggacaga tcatatttga      660
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<210> 4057

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4057

ngtattcaca	agcgctngtt	ctttttgcag	gatcccatcg	attcgtgaaa	atacttatct	60
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atgtaactga	actaataata	ccagctgcag	ttttatcctg	gctgtaagga	ctaccatgat	180
gggaaaaaat	aagaggaaaac	cttaccctcc	cccacattcc	cacatgacca	gcagcataag	240
ggctccaggt	taccacagta	tccatcattt	gtcttatggc	cacccaagta	cacctgttta	300
catgacttac	tgggcctgtg	tagaaattgc	agtttgtgat	aggatcccag	tatagaatca	360
cagaaactga	cttttgaagg	gtaatgtaaa	ggctatttgt	atctaact	tttttaaaaa	420
acagtatgct	tttgttttat	ttattggagt	atatttttga	agtccctgtc	ctctgtcact	480
gctcagagta	attatcatct	ggtttatatt	ttctagagtt	ttttgtgatn	ctataaatta	540
tgtcttttgt	tatgtaacac	atgtaatttt	tttacaacaa	atgnngntaa	tgctatacca	600
taatctacta	caactttgaa	ngggtttccc	ccgtgggttg	ctactttgga	tctggccttg	660
gtngatattt	tatatnttat	antataggct	ctcgttngtt	aaattccatt	taaccaactt	720
ccntggaaan	ttcccattct	ttgaaatggn	cccattaant	tatttaaatt	antttccctc	780
ttggggagg						788

<210> 4058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4058

gtnagataca	gctctgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagatgag	60
gtgtgangcc	nttnaatccg	aanaagngcn	cnaagantga	gaacgtgatt	gcntgaaatg	120
ttcatccaga	natcttgga	tataggagaa	cagggggaga	ctngattgat	taggttgga	180
atatttgtcc	tatggaccac	ggtaacgggg	nttagcnttc	atagtatgta	accaggantg	240
gnagnnggag	tcatagagta	tnngnnctct	tnatcccagg	agattcccaa	tggggncagt	300
atctactgnc	cttnnngaga	gaccatgctn	ngctgtctnt	tttanggnna	atcannaatt	360
tagtggtcgc	ccctncaatc	ttcattccac	tcatecntac	cctnttggca	ttcttaattgt	420
natttgtggc	cctgtcetta	tcattttaca	agggtaaatt	ntcntccaga	tatangaacn	480
tgtttactaa	actttaagcn	cnttaantta	aacatcntta	cctaagaaca	ntcntggtnn	540
caannggagg	ttnacaaggg	gctagcgctn	taaaaccact	ctncttnttt	nccggaagat	600
tgccnntctg	ancttgtaag	ntnangattc	ntgtggacan	gaaganttgt	ggcatnacng	660
tttnacngnt	gggttactan	tgacantgtc	aactngnngn	gaaatgtcnt	ggataacaang	720
tgtnatgggg	ntgaatttna	acgggacnca	anggtggngg	c		761

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4059

ggnnnnnttg	tctatagctg	gctctcgtct	ttctgcagga	tcccatcgat	togaattcgg	60
cacgagccat	cngtgnctng	cnangggcct	gccccatagg	atggcctcag	caaattttca	120
gtgaactcaa	gttcattgan	ttccaattng	tgaataaac	tagagggcct	ctctgaactg	180
ccngcctnat	gagaangact	gtgannagta	nccngnccaa	nacagactga	ctgtgacaaa	240

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nctagananc attacaggtt tctgagaaag aangaaggtt caagttcaca ttggtactgt      300
gaccacgnca gctcattgcc ctcttanacn gggctctgca agctttctnt ttactggagg      360
ctgnactact ctttnaagct gnaacagtgt gattataanc ccnnantngg ccccttttga      420
cancatcttt acaataatgc tcttggttcc tcaaccngct ggtgactctg aaagctgatg      480
nngacgggnt gccaaaantc atnatatann cagcctncna aangcngtga tctctncatg      540
anctcatgna nccttaaachn cgtgcttgcc cnttntttta caccnttaac aatnttgaca      600
tncacctnna tgccntnngc gaantcaaht ncccgtangt ccaggcttga aaangaaaca      660
cccgttntag gttgggacct ttccacaagn tctnatgcn ggggnaanaa caatgnnttc      720
attgnnnnga naatnctgca atcccattgg nttttanttn gtnccttttc aaacgcgngc      780
cttttaana tngttgnaa cccc                                         804

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<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4060

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ttntcagct cttgttcttt ttgcaggatc ccatcgattc gaattcggca cgagcccagc      60
cataatggag cctgaaatca ggaattcatg tttcaaggtt acatgtacaa atgtatgcc      120
tctcagaaca atggccattt tgagaaagcc agtgagagac agccagacca ggtcctctgg      180
cctagcacc accagtgcct gccagctcag cccaagtctc ctcacctagg atagcttgat      240
ggaataacaa tgtattttta ttttctgtag acctaaaact gctottaata agtctatttt      300
aaaaatccat cattaataca cagactttct ccataataag aagttggagg ggtggggcac      360
ggtggctcgc acctgtaatc ccagtacttt gggaggccga ggcagatgga tcacgaggtc      420
aggagctcga gaccatcctg gccaacatgg tgaaaccccg tctctactaa aaatacaaaa      480
attagctggg tatggtggcg cacgcctata gtcccagcta tttgggaggc tgaggcagga      540
gaattgcttg agcctggaag gtggaagttg cantgagccg agatcgtgcc actgnacttt      600
tagcctggcg acaaaantgag actccgtctn aaaaaaaaaa aaaaaaactc gnccttttag      660
actatagnga gtcgtattcg tagatccagc atgataggat ccttgatgaa tttggacaac      720
cacacttgat gccgtgaaaa aatgcttntt                                         750

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<210> 4061

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4061

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anaannngtc aatgctggct actcgctnt ctgcaggatc ccatgcgatt cgcttgaacc      60
tgaggaggcan aggttgtggn gaantcaaga tcangccact gcactccagn ctgggtgacn      120
ngagcagnga ctccatctca agaaanaagt nantaacnaa tnttccngn atgtgatgac      180
tgactntagt cnttatggaa aataacttcn ggcagctnag tancactgg tcancaattc      240
cgntgtntaa gagangtnt acantcnant nctcaatatt ntcagnctga tttcaatacn      300
gacacgcnac cactgaaatg cngaaagatg gnaatcanag tgtgatgttn ntatnnaant      360
ctcgagattc acatgtaatn agacccttta ncttnaatga tcacnacatn anaatggnga      420
catgatctta acttgggaac atatggantn tgtatttggn aattntagnn tcacanacnt      480
atccctatga ntngnacacn catgnctgaa atctaagctt tanaatattn nctntgtcag      540

```

tnaaacagca	tgnttncatg	cmnactgaan	ctaanntccc	aatnaantg	ntcatttttg	600
gatngnnngn	ancacattgt	naaccaattc	gttgncact	tntgnntanc	aaatnnnnna	660
ccatanctcn	nntggnaccn	atggaaggga	tnnnatnnna	ncaanaancc	ttngggnccc	720
ntctangnnc	ctnttngtag	angncncaan	ttcccnctcn	tgnnccanga	catggnnenn	780
ggantacccc	ttcattaatt	ttggctnnta	tancctcaan	anttgaaatt	ccnnnnncna	840
naaatnnnc	t					851

<210> 4062

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4062

ngnnttnatc	agctcttggt	cttttgcagg	atccctcgat	togaattcgg	cacgagcttc	60
cttgataat	actgatcatt	ctatttttagc	ggtaagaacc	caagaaggag	tatggatacc	120
tgtaaagctt	tctggtcctt	gggaagcctc	tccttctgtg	catattatta	ctgaaattct	180
tcaaaagatt	ctgagatgct	ctcagtgttt	cattgctact	ttaattttta	tcattatggg	240
attgattgct	gtcacagcta	ctgccgcggc	agctggagtt	gctttgcatt	tcacagtaca	300
aacagcagac	tatgtaaata	attggcagaa	aaattctact	ttgctgtgga	attcccaaac	360
taatattggac	cagaaactag	ctaatacaat	caattatctc	caacaaactg	taatgtggct	420
aggagattga	gtagttagtc	tagaatatag	aatgcagtta	caatgtgatt	ggaatacttc	480
tgatttttgc	attactcctc	atctgtataa	tgaaagacag	catgagtggg	aaagagttaa	540
gaaacatttg	aaaggtcata	ctggaaattt	acttttagata	ttatgcaact	gaaggacaaa	600
tatttcaatc	ttctctggca	catctgacac	taatgccagg	aactgaantg	cttgaaggcg	660
cttcaaattg	attagcagct	attaacccat	taaaatggat	caagacnaaa	naaaaaaaaa	720
aaaactcgan	cctnttaaaa	ctatagngag	tcgtattcgt	aa		762

<210> 4063

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4063

gtttatncag	ctctgttctt	ttgcaggacc	ctcgattcga	attcggcacg	aggtcagagg	60
tcaacaatga	gtatgtggca	ataacaggat	tcaaaccag	atctgttagc	ttccaaagtc	120
cttggtctta	catgctaccc	actagtctct	tggagggggc	tcgggaccat	ggaggtcaca	180
caccagtgtc	ccgagtgtgg	tcctcacagc	acctgcatca	acatgaggtt	gggatttgat	240
taaaagtggg	tttctggggc	caccacacatt	ctgaatctaa	agttctgggt	gtgggttttag	300
gaacctgtgc	ttttaacaag	tacccttagt	gatttatata	cttactaaac	acttgagaat	360
cactgatctt	tccagtgtgg	tgtgacttat	agacagtgtt	ggacagaaat	gaaacaaagg	420
agaaagatga	agcacagaca	gaaagagctg	ggaggatgcc	ctgcatgttc	ttatatctgt	480
aaatacgcat	ctcttctctt	ttgtctcagc	ccttgctgtt	taaatctaga	cccttacatt	540
tttcaactat	ttggctccag	cctncccttg	cctgactcct	ggctttgtat	attacctctc	600
tttcttgact	ttcactgcct	tttacaagtt	tgcattttct	gtcatttttt	agaagatcct	660
actaagggcc	aaaggaaaat	acactgtaca	gaaacctaata	attaagccct	ttagaactat	720
agtgagtccg	tattacgtag	atccagacat	gataggatt			759

<210> 4064
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4064
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 cacaaaatta gtattttatg atcaaatgaa tttgctttat aatattttat ctaaattatc 180
 atgctcctga agactcacaa aataaaggaa actttatcca gctttttcca gaatttactt 240
 gcacatagac tccatttata tagcatgcct attgaactct gtaaatagtg cagttcagga 300
 aagatagcag tgtgggaaat gtcactctaa tgggtcatata cgtttatccc atgggagggt 360
 aaagcatata ggtgagagga gagtgatcgc cctggggaac tgtaatgaga aaggattgat 420
 ggctgtttca gttgttgttt tctgttccct ggctgctggc atgggggcaa gggggaggct 480
 gaggtcagg tcttagagaa cagaacattg catttcactt cacagtcagc aaagagaaag 540
 ccaggcaagc acccagaagt cagtgcacca gtggagtcac aaaagactat taattcttnc 600
 cacattgaat tgtgacacac aggaagctca ttacagactg agtgccctga gtttttattt 660
 ggggctagtc atgtaggtcc ctttggtccc atgcccccca attccagact tccagaaaga 720
 aagccagaat tcaaccttaa ctggcttggt tggtcnaacc a 761

<210> 4065
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4065
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 atgtcagagg atggttagagg aattgtcact tatgcttcag tctgacttag tgaagcagtg 120
 gggccgagaa agcaatcata tacgcatttg tctcacatga gcagaggaac agagggatga 180
 ctttaagttc tgtctgtttt ttgtccacaa ggaattttct tgtgggcaaa ttgtgaggtc 240
 tttgtagcta tcttatttta ggaataaaat gggaggcagg tttgcttgat gtagttccca 300
 gcttgacctc ccttttcctt agtgattttt ggttcccaag atttattttc ttttcacaga 360
 ataaattgtc tttcagaccc agagagcacc acagtcacat tcagaaagggt gtccaaatgt 420
 aaatcacact ttcacataga attacagcta tattaacaaa ttttttcttc cattgncttc 480
 atttgtaata tataaaaaaac ttaagctttt aaaaaactaa agttgaatta tggncctaaa 540
 aatgatggtc aatcttatct tcactggcag gatatagacc atttgncctgg ataattttta 600
 gtaagttgct atacagtttt angccttcc agntattatt tgggtggggta nttctcttac 660
 tttccctggg nccagtttt accattggga accccccct taatngncca cntnttttn 720
 cccccccan aaanccann cnntttaag ggggggaaat ggccccnat taannccnng 780
 gg 782

<210> 4066
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066

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agtgtgtg	ccagaagcgg	ggggaggggg	tttgggtggaa	attttttgtt	atgatgtctg	180
tgtggaaaagc	ggctgtgcag	acnttcaatt	gttattaaaa	aaaaaaaaan	aaaaaaaaaa	240
aaaaaaaaaa	aaaanaaaaa	aaaaaaaaaa	aaacntcggc	ntttaaannt	ttaggnngtc	300
gtnttacnta	antccngacn	tnatannatc	cnttgtnaat	tttggncaan	ccncacctna	360
atgcatggaa	aaaantgctt	tatttgtnaa	atttgngatn	ctatncttta	ttngnancct	420
ttntaanctg	caataancaa	gttancaaca	ncaattgcat	tcatttnatg	ttccaggttc	480
aggggnaggt	ntgggnaggt	ttttaattcg	cggccgcggc	nccaatgcnt	tggncceggg	540
ncccantttt	gttcccttta	ntgagggtta	attgcc			576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067

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cacgagactg	aatgggctgt	atctggggaa	tcaagggtatt	agggttgagc	aaaagcaaga	120
ggaagtagag	catttgatct	cttttccttt	gattaggttg	aggacaataa	agtctcattc	180
tctcccttnt	tcccatgggc	agccttatat	atgattgaag	aacattantg	cananattcc	240
tcacccnnaa	ataaactctn	gtacttntat	actaattaaa	gattcatgtn	aattactaan	300
ttcttggaag	actatggaga	actctgtggg	ggctgtgnatt	cacactttan	tatgaattgg	360
nttaatgacn	actgtnatat	tggctacata	aagaaatgga	cgtttttatt	tgggggttagg	420
ggatcacaga	tgtggactgg	cttaggtaga	atgggtccctg	agcnaaggag	atattgaagn	480
ttatgaggat	gtgcaagata	agcagattta	cttttgcatt	ttattttggg	ctatctcagc	540
ttcttttact	agaagctcat	gcctataatc	ccagcacctt	gngaggccaa	ggcaggagga	600
ttgctttgaa	gccaggggtt	cgagatcann	ctgggcacaa	anccagaccc	tgactntcca	660
aggangattc	aaagatttct	gatggngaaa	acctcggcct	ntaaactatt	ggggtcgttt	720
acggngatcc	nganatgata	anancatttt	ngagtttggc	caaacccac	n	771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068

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tcggcacagag	ccaccctggt	gctcctccct	ctccctggta	ccctgactac	caggaagtnt	120
tgtgctagag	cagctggaga	agtgcaggca	gcctgtgctt	ccacagatgg	gggtgctgct	180

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gcaacaaggc tttcaatgtg cccatcttag gtgggagaag ctagatcctg tgcagcagcc 240
tggttaagtc tgaggagggt ccattgctct tctgctgct gtcctttgct tctcaacggg 300
ggctcgctct acagtctaga gcacatgcag ctaacttggt cctctgctta tgcagagggg 360
ttaaattaac aaccataacc ttcatttgaa gttcaaagggt gtattcagga tctctaaagc 420
attttaacct tgccgcttaa aacccaattt accgtgaaat gggaattttg ctgcattgtt 480
aaactgtagt ggaaaccatg ctatagtaat aaagggtata taagagagaa attgaaatta 540
aatgtgtttt taaatttcaa aaaaaaatca atcttttagga tgactnaaaa attgatttgc 600
catgtaaaat gtatctgcat tttttacaca aaacttgntt taaagcataa aaatttaaaa 660
ctgnnctctt ggatgtatta tacatttga accatatgta ttaaaccata aacagtntaa 720
tggtggtata ataaaacagg cattaatttn ttaataaaaa aaaaaaaaaa actcggcctt 780
taaactt 787

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<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4069

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aggtccatta caccgccagc agcaatgtct tctcggcca tggcagtggg tcacgggtgc 120
agcagtgcaa tgtcttcctc agccacgggt gtgggtcatg ggtgcagcag tgcaagacct 180
tctcagcca tggcagtggg tcacaggtgt agcagtacaa tgcttctctt ggctatggcg 240
gtgggtcacg gacgcagctg aatcttgaac acacctgagc ctctgcctcc acgtgacttg 300
gcggtagcaa ggaatgaaca cagttatctt ttttaacaaa attttagatc atgatctcgc 360
tgtactcgtt gacagtattc aggtacttgt tgaagaatta atctctgctc ttctctgaag 420
tctgatttaa tcaccccaact cagctgccag tgaaattggg ggtcatccat cgcctctcgc 480
atgtggctgg ctgtggctct tctgaaaagt ttctttcttc tgcttgttt ccatatttag 540
ggggaaatca gcaagattct agagtatgta tgtgggctgg gtgcaagtgg ctcatgccta 600
taatnccagc actctgggag gcttaagcgg gtggatcacc cnangccngg aatttgagga 660
acagtgtggg gcaacatant gagaccttgt ctnttccaaa ttaaataant taattnnncn 720
gggaaannnn nnnnnngnnnn ntntnnnnnnn nnnnnnnnnn ntntnnnnnnn nnannnnnnn 780
nnnnnnntna nntanaact 799

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<210> 4070

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4070

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ggnnntttta tcagctcttg tttttntgca ggatcccatc gattcgaatt cggcacgagg 60
atatgcttta gaattaaggt gagtgggtatt atctctagtt tgagacaaag agaagcgaag 120
taacaaaagg ccacataagt gataaatagt ggacctggag tttaaacctg ggatccccac 180
ctaaatcaga aatacaaaaat caaccacttt tttgatgatc cagggtctat gtatatttat 240
tacatgtatg tatatatgta tatatatatg catgtgtata tatgtacata catacatata 300
gatgtgcttg tactagtgtt tttcccacca gatagtttag ctttcttctc cccttgctca 360
cttttttttt tttttttttg agatgaagtc tcactcttgt cccccaggct agagtggaaat 420

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ggcacgatct	cggctcactg	taacctccgc	ctcctggggt	caagtgatcc	tectgectca	480
gcctcccagag	tagctgggat	tacaggtacc	tgccaccacg	cctggctaata	ttttgtat	540
tcaatagaga	caggggtttca	ccatgttggc	caggatgggc	ttgaactcct	gcctcagggg	600
gatccacccg	cctcggncctc	ccaaagtgtc	gggattacag	gcattgancca	ctgnacccac	660
ccaaggggna	aaactttttat	ttagaaaaaa	cttaactttc	actcgttaga	aaaacgngtt	720
ttgaataatc	taattttttaa	aaatgcatta	actatgtctt	atnttggtcn	acacatttta	780
attgn						785

<210> 4071

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 4071

ttnaaccagc	tcttgtcttt	gcggatccct	cgattcgaat	tcggcacgag	gaggaagtga	60
gattgtgcat	gacatacttc	tcctttgtat	tctctcagtg	ccttacagca	ggttactcca	120
ttctgctatg	acaacttggt	tcaaagtgtt	atttacatag	gattttttat	aagccattaa	180
ggcatatgta	tagtatatca	gtaaagatgg	atgggtgcata	tataaatagt	cttctgtaat	240
agtgattgga	tttacttctc	aattatgaga	gacaaaaatt	atccccctcac	ctgtctctat	300
tctttcaaca	ggttgatccc	ttttcatgat	ttttcattag	gtgggttcagg	aagtttccat	360
attacagcgc	ttcagactgt	atatgttagt	ttaaaaatca	cttttctctc	tctcaacttc	420
tttctttttt	ttttgaagac	ttaatttaaa	aaatttgggt	tgttagatcc	gtatcataga	480
tttggcctag	cctcttctgt	taacctagtc	cacagatgag	cgaatctggt	tagttgaagg	540
acattgtgat	ttgactctgg	tcacgcgagg	aagtagaagg	gcaaagacag	gaccggcagt	600
ttacatttcc	agtgggttaa	cctcacggga	ctttgggacc	tgcttggtaa	ctttttgggg	660
gtggctctga	ggccaatcta	acctggacca	ttttctggnc	ccctcaacaa	gagagagggg	720
aagcaacctt	gggccaatga	ggagtataaa	taaccttggg	ctttcagaga	tttgaagaat	780
agaagaactt	ct					792

<210> 4072

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 4072

tgnmatctat	gctggctctc	gttcttttgc	aggatccctc	gattcgaatt	cggcacgagc	60
acacttggag	ctcatataaa	ctttttccca	ggctattgtc	tgttcttcaa	gcccattcac	120
ctccccctaaa	aatcatgtat	tcttcctcaa	aaattgncta	ttatcttcca	cttccctttc	180
ccccatgaaa	agtgttgagg	cttattctga	gccaatatga	gtgaccatgg	cctgagaacc	240
caatatgagt	gaccatggcc	tgagaacat	ctcaagagct	ccttcaacag	ttgtgactga	300
gcttgtcang	ttgcagtttg	gttttatata	ttctagggag	acaggaatta	taggtaaaat	360
cataaatcta	tatntagaan	gntacattg	gttcagccta	aaggggtggg	atatcttgaa	420
ggcanggtgg	aggggatgct	tacagatcat	angnnaattc	aaagattttc	tgattggcag	480
ttggntgaaa	gagttaagtt	ttgtctaaan	acttgaagtc	antagaaaca	aaaatgcttg	540
agtaaagata	aggggggtng	cgagggccaa	ngtttttggg	atgtnnatga	agcttcatag	600
atcacagnct	tnngagagna	tagaagataa	atgtctcttt	tcagacttta	aaaggttcag	660

actctcaggt taatctcttc tagatccang aaaagcctcc aaaagaaaag gcttgactcc	720
cattaatggg ggattcttnt tacaanaatg caaaatttnc cccacaaaa nnatggcttt	780
tnccagaacc ccatttcaaa at	802

<210> 4073

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4073

ntntatnnag ctcttntctt tttgcaggat cccatcgatt cgaattcggc acgagactgg	60
ttaaatagcc cttgatgact tttcatgtgg catgagaggg atatgcttat aaagcttaat	120
tctgatatta tctcttact acctacagta tgttttgcaa aaatcagtc acttagcaaa	180
ctaactcttg taaagcagtc agtttcagaa gatacttttt atcaaaaaag atggcagggt	240
taacattata ccttttggtt tttgcccac atttgattta atctaaagca agaataaaa	300
ataattttta gaagcatata atttcttttg ataaaaagta acaaaaattt aatgcagatc	360
aaagaccaag gcttgtaacc aaaacaagca aaaagaaact ttagctgttt aactatcacc	420
tctctaattt aaaatgcag aaaattaata ctttgttttt gttttttttt ggaaacagtc	480
tcactctgtc acccaggctg gaggtcgcag tgagctgaga tctgcccact gactccaacc	540
tgggggtaac agagcgagac tctgtcttca aaaaaaaaaa aaaggtgtna tttggaaatg	600
gaaaatctan ggtaaaggga agctttnaaa aatgttggtt ttttttttcc ctggnaaata	660
aaaccttttt attggaattt aaatggncct ttgggnaaaa aaggaaacntc caccattgga	720
aaaaagggng ggcctttttt tatttntttt tggggtaggg ggaatnaaaa aacccccctt	780
tgggcccctt tttnaaatan ccccttngn cccaaaattt ggaaaagccc aatttttttt	840
ttaaaatgga anggggttta cctgggnnaa atttggtgtt taaaann	887

<210> 4074

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4074

ggnnnnnnncg nnnatttaga ccagctcttg ttnttttgca ggatcccatc gattcgaatt	60
cggcacgagg agtatttgct ggtgcattgg agagtttcac gtaattcttg tgcagattca	120
gcaagagagt ttgccggcat gctttgcaca gccctggta cccagtaagg cgattattag	180
cattggtgct tgctggaatc agatattcca gaatattctg tcacagctca tcnctgcct	240
cttcttttct gtgggtaaac tgaggcagaa actcaggctg ggtggaactc tgcagcctca	300
gctggagacc tcgtctggcc aaggactgtg gggacacagg cctntaggc tgccacctca	360
tggtcccagc atgagggcac cagaactgca cagaaagtct cactacccaa gtgtctgagc	420
caggccagac tgtgctagcc agacctgcc ggggttcatt cactgacctt tattgagcac	480
ctactgtatg cccagcccca aacctggctc tgctcatgga aaagaacttc agtggaaaca	540
ggtcctggga tgaacaangg cctggcctgg cctggtgatg ccactatttc tttaaagagg	600
gagagtggac aattcccgga tttattgtca ggggggaggc cttcattttc ttgctggttn	660
taaccanaaa taccacaag acttggggtc ntttttagaa aaccattag aaaactngan	720
ttttcgtacc ttgtttctag aagggttggg gaaagtcccc nngaataag ggtggccnag	780
ccagggnntt gggttgtcct gngagggggc cactanattt gggnttccaa agaanggggc	840

ccctctcttt t

851

<210> 4075
 <211> 836
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4075
 tatnncagct ctctgttcttt tgcaggatcc catcgattcg tcttgactga ggttcccatc 60
 tttcttantt ctcttaagga tgtgctattc tattctagat gcataggagg gaagntaatc 120
 cagncttaga tcancagggc tnggttcttt ctcagaacca taccnnaaaa agcctnanta 180
 gaatttttagg aaagtcttat ttagaaagaa actaagaatt atgattaagt tttggcctaa 240
 gcaacttaat angcagnggt atcattttatt gngaagcaaa tnacataaga agcangttnt 300
 ggggcttggg aggaggttaag ggcnagaaagt tngntattnt tttttaaacn tgtntaatnt 360
 gagacacctg ctgatatcc tantnaaatg tcatagacac ntnaatggtc cacaactttg 420
 aaactcagag agaggtcann gctggatata aacagntggg agtcaancnt attttatatt 480
 atttaaatcc anaagactgg atacggcaag ttnggaggga gtttcaatgg anaancaaaa 540
 tttttgactc tngggcactt aaacatttaa agntctgata aataggagag ggcccancaa 600
 agggaaattt gaaagaacca atcatttacg gtanggagga aaaaacttag aagggggata 660
 aatatcttca aaaaatcaaa aaaattaatt ggcntttttc aaagaaaaat nnaggnggnt 720
 tancccccctg tggtttaaaag gngnggttaa agtattcacc ttggaanaaa nanggttcaa 780
 angggcaaag aaggcccaan ngggggccct ttttttaaaag naaacttttt tcccn 836

<210> 4076
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(852)
 <223> n = A,T,C or G

<400> 4076
 nnntntttnn antacacgct ctngttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgagcnaagc tgtttttatan attanggaga ngagtgagga gagaggaata ggatagacna 120
 aggtngagat agggancact ggagaagaan acctcanagt gaggcacagg aagaggtgtg 180
 aangggaaaa gaagtggcan atgtnacgga agagccctg nccatgagag anantggngg 240
 gantggnaag gaagggaagt tatggggcat gggncacata gcacacaaca cnacagtaag 300
 gctagagata tnaaanaaac aatgattctg agctncataa gtagcnatct cncgttaat 360
 agacataggg ngtantgtg acatggcgtn anctacagna ctggacatna tcaccctttt 420
 ntagggaagg agggatgcct gcagnggcct aactccanca ngttatcatg tgctatggaa 480
 gtntcgnnca caatggnggc cncantcat gtgtccaacn ttaaataagn ctgtcgtngc 540
 tnaggacctt nnntgnaatc ttaatttcat tttaaaatnt aaatnttccg naatggangc 600
 tcaaggctng cttctttttt ggaaagtgtc ngaactgaat tgaaaccggn ttnnaaaaaa 660
 aggattagta nccctggtn tttcccttg tncgggggca ttaaagtntc tttanccct 720
 gggaccctc cccggtnggg nccnttnna aaacncccaa aatccattg gccccattg 780
 nattttttaa aaacaatttt tnaangntag naantntttt gaaaaaaaat tgggaatttg 840
 gggggnccn nt 852

<210> 4077

<211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

<400> 4077

cgnnnnnnnnnn	tnnnangget	ttgccactaa	ctgaaaccct	ttgnacccan	cganncgaa	60
tgggcacgag	ggtgaaggta	tgtgtcantt	ttaaccaggt	gttgagttat	ttgatntttc	120
ctncanagat	tatttaatat	tttcaataat	atctaataat	gtgtgggaaa	ccgtaaaatt	180
tttcatacaa	actgggacaa	atgaacatgc	atactattaa	aanactncct	acaatacggc	240
ataaaanggg	ctttcttagg	ngaaccagga	ggtatagnca	gcctaatacat	nngctatgan	300
tattagtnat	ggnaggctgt	gttttatcac	tcatatatgg	aaatcttttt	tgaatgacta	360
ctctggaaat	gacgactgaa	tctcatactg	tgtacacacn	tnatcanagg	acacttaatt	420
gnattnanna	anatannntt	gaacttacct	tnggttagag	ggncagagag	gttcatnatc	480
canaaaaatt	atnatgtggg	gctttnttcc	tttgggaaan	tgaccgntca	cacnncaggg	540
catgtgtttc	ttctnatacc	ttcaccccan	ggggcncctt	ctcttttana	aaaannnggn	600
gncatgaaan	ntntatnatt	cttncccctn	cccnagtncn	ttgntnttgc	ttaaggnttc	660
nncennantg	ncaaggtnna	naaanngaaa	aaaagaatnn	tgggnaaagg	caattntcac	720
aaacttntaa	aaagccgggn	atcntttgnt	ntngggtaaa	nctccccnnn	cctantttta	780
anatntnnnn	cnctccggg	gggggatatt	nnnnngggcn	ntntaanncn	nnnnmanann	840
nnaagngatn	ggnggngccc	aannccaacg	anntntttnt	aaaanagngt	aaaagcn	897

<210> 4078
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4078

ngnnnnnttg	gatancagct	acnggtnaat	ttacttctctg	caacgncccg	aatncggcac	60
gagggttaggt	tggacacaga	aggggcaatc	aaattttctgt	attcagatac	cttttaaagg	120
tacactgtgc	caccttgctg	ccttttgattg	caaatacaaa	gttaattttc	aaaaaggaaa	180
aacaaaacag	ctctttttcc	taaaacacat	gttgtacttc	agacctaaaa	ttctaagtct	240
tatttgtttc	tcacccatga	gttagattta	ggtaatatga	ttagtagagt	ccttagagaa	300
tcttaagagg	tcattttactc	cacctctttc	atttttaaatt	ggggtatcca	aagcctgaag	360
aggtggcctg	gccaatattg	accaagggtat	aactaaatat	gagctagcat	cttcttcctt	420
cttctcgtca	tcccttggtc	ttaaaagatt	tagtacatga	agaataatgc	attagcaaaa	480
agctcctagt	ttgtgtttcc	cctttgtgtc	tccctgttgg	ctttctgaga	caacctgaat	540
tttgccaaca	aaatatcgca	gagggattta	tattaattat	tttttagtta	gatgaatatt	600
atattcttcc	catccaaagt	gagtgatttg	ctaggtttgg	ttagggaggg	aaaaagcaag	660
aataatgtga	gaagaatcta	aatgcgaagt	tgattttgtg	tggnaaactg	gttattagtt	720
ccatcaggaa	tttctgnttt	tattttttga	gctattgaga	agtgcacatga	gatttgaaaa	780
attagg						786

<210> 4079
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4079

ggnnnnnntnn	nnnnntntnta	tnnnagctac	ttgttctttt	tgcagggatc	ccatcgattc	60
gaattcggca	cgagggcgagc	agcagcagca	gcagcagtgg	tggaacgagg	aggtggagaa	120
ttgagagcac	gatgcataca	caggtgtttc	tgagtagtaa	ttagatcgct	gtgaaggaaa	180
aagcacacct	ttgagttttc	acctgtgaac	actatagcgc	tgagagagac	agtctgaaaag	240
cagaggaaga	catcgatcag	taacaccaag	agacacacaaa	gttgaaagtt	ttgttttctt	300
tccctctgtt	ttatttttcc	cccgtgtgtc	cctactatgg	tcagaaagcc	tgttgtgtcc	360
accatctcca	aaggagggtta	cctgcaggga	aatgttaacg	ggaggctgcc	ttccctgggc	420
aacaaggagc	cacctgggca	ggagaaagtg	cagctgaaga	ggaaagtcac	tttactgagg	480
ggagtctcca	ttatcattgg	caccatcatt	ggagcaggaa	tcttcattct	tcctaagggc	540
gtgtccaaaa	acacggggcag	cgtgggcatg	tcttttgacc	atctggacgg	tgtgtggggt	600
cctgtcacta	tttggagctt	tgtcttatgc	tgaattggga	acaactataa	agaaatctgg	660
aggtcattac	acatatattt	tgggaagtct	tttgggccat	taccagcttt	ttgtaccaat	720
ctnnggtggn	actnctcata	atacgccctg	cagctactgn	tgngatatnc	ctggcatttg	780
gaaccctacc	attttttgga					800

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080

tnnnnnntttt	anancagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagcttgctt	gaaatacaga	atgtccagat	ctactgagtc	agaatttaca	ttttcaaaag	120
cttcctacgt	gactcatgca	tattaaagtt	tgggaagcac	tgacttagat	taccttttga	180
gaattccaga	tgggtcagaa	accagacaga	aatactcagt	agtgagaagc	tatggtgtat	240
cagaagctgt	taggcatttc	atggtttggt	agtgagcaag	acagatagtt	ttcctgtatt	300
cagcgactta	gtctagagag	agacaggatg	gaattaagtg	tttaggtgct	agccaaaagt	360
aaagattcgt	agaaaacaag	ggttcataatc	ccagtcataca	aagtgataaa	ttttccctgc	420
ttaacattta	gattaaaaag	taataattag	gccagggtgtg	gtggctcaca	cctgtaatcc	480
cagcactttt	ggaggctgag	gtggacagat	cacttgagct	caggaattcg	agaccagcct	540
gggcaacatg	gtgaaacccc	atctntacaa	aaaataccaa	agtcnngcac	ggttggttgt	600
gtgtgcctgt	ggttccagct	acaccggang	cagangcagg	agaatcactt	gagcctggga	660
ngcaaangtt	gcaatgagcc	aanattgggt	ctttggactc	tagccctggg	cgacanggag	720
tgaaacagtc	ttcaaaaaaa	aaagcctnta	aaactatagt	gagtcgttta	cgtngatcca	780
gacn						784

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G


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<400> 4081
nnnnnnntttt atancagctc tngttctttt tgcaggatcc catcgattcg aattcggcac      60
gagcttggat gtatgtttta atatgtatac cttataattc tgccctctagc caaatgctat      120
gtttgcaaaa tgtggcatct gttagttttt attgtctgtg tcttctttgt ttactatacc      180
ttgggtaatt ttgtgttacc aaaaaaaaaa aaaaggaagt gtaatgtcag acacacaaga      240
aaagcaaatc agtgttgtaa gcttaaagta caatttcaaa ggtcattacc aacagcaggg      300
ttttttttat actttaaaaa cattatgcta catatcattg ccattttcat attttgggg      360
tttgctactc ttatacaatg gaatcaatgg aaatgtcatc cagccactga attgccatta      420
ttatatctaa aaagtttcta agatgacagt tatcactatt ttgttttata tccatgctga      480
catttgaaag aagggtctagt atccctctag ccagattgct tagtttttcg ttggtaatca      540
aacaacagtt gtactaaagg aaagtaaagc taggacctaa atcagaatca tagttgcctg      600
catatatggg aacaaggncg tgtgcatttg ctttcacagt gatgagtgag aggatgagaa      660
naaattatth gacatttttc ttgtgggtga atagaanaca ctttctttt gtctttagg      720
ttangngnga gatactaaaa aaacctggga tgtttatcct atcttaaatt ngggtgggag      780
taataaaaaa                                     790

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<210> 4082

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

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<400> 4082
ntatnctggc tactngttct ttntgcagga tcccatcgat togaattcgg cacgagggtg      60
gttgtaact ttgcattata ccacccactt gtaatatctc tgccctgaag aggaaaaacc      120
aggaacattt cctagaatcc ccttcccggt atgataccaa gttaggatat gccagtgaga      180
gggtgctgtt tagtcccttt tgccctgtgt gacaaaatga cacagactgg gtagcttata      240
aacaacagaa atttatttcc cacacttctg gaggtctggaa agtccaagat caggggtattg      300
gtagattctg tgtctggtga gggctcattt tctgattcat cgatggcacc ttctcagggg      360
tctcaccatg cggaattgat aacgcagatc tctgggatct cttttataag ggcactaatc      420
ccattcatga gggttctgcc ttcataatct aaccacctat caaaggcccc atttctagta      480
ccgttacctt aggggttagg atttcaacat gacctctggg gagatacatt cagcccatag      540
caggtactca caatagaata agaaggcaaa gcaaggaagc ttttattctc aggatgtggg      600
aaagcatcac ccacttctcc agtaagttgt gngcgttttc aatttctcaa tttcttcacc      660
agcttccact tttgcagttg tgtcagccaa tcaacgacag ctttccaaaa ntccogtgca      720
agtgcctgct tttganggca aaggnggnca taaaatngga agcttcttca ggctccttcc      780
acaatctn                                     788

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<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(889)

<223> n = A,T,C or G

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<400> 4083
ggnnnnnnnan ngnnntttta atncttgcta ctcgttctnt ntgcaggatc ccatcgattc      60
gaattcggca cgaggaggaa gcatatacca cagaacattg gctggtcagg atatacaagg      120
taaaggacct ggataatcga ggcttgtcaa ggacataaat gtnacgtcca gctctnatat      180

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gcttcgcact	gagcacatca	catttagggac	gttgaagatt	tttttttttt	ttttaatatg	240
cannttgtaa	gaacaaaact	ggatggcatc	anaattgnct	ggaagttttg	tcttgggcca	300
aatgaaatga	tttttataat	tctaaacagg	ttaccaaagt	aaatgtcatg	gctttacttt	360
ggtcaattaa	aggggggaat	ttttttttaa	aaantgaaat	gctnacactt	atntctgnaa	420
antatatnga	aaatgnatac	cntggngcct	attgangntt	ttggnggggtc	antttcnnnt	480
taccnncn	ccaantnga	aactttnttn	nttttggnc	atcccacccc	ttttgcnnng	540
gcnmttaant	nacaaanttg	ctttttttcc	cntnaangtn	tgggaaaaaa	nactttntcc	600
ttnttntctt	aacccctttt	cncccccng	gtttcttgnt	taaaaanntt	cctntnttaa	660
aaatagncaa	ctctttnttt	ttnttttnaa	ngggntacca	naaaaaaaaa	aatagggggg	720
ggtttntaaa	anatgggatt	ggccccnncn	acnggggaacc	caattgggnt	cccttnnaat	780
aaaacctttt	ttttncnaan	atnaangggg	gcctttttcg	cntcnantnn	ngcggcttan	840
aaaaggggcn	ntancccggt	gtttcttttn	gggnaaatcg	canccttc		889

<210> 4084

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4084

ntgnnttttt	attcagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagagggggc	gggcccgtac	gccgattcca	tatgggcgcc	ggcgcgagc	gccgcggggc	120
agcgcggggt	cgccatggct	gagctgcanc	agctccgggt	gcaggaggcg	gtggagtcca	180
tgggtgaagag	tctggaaaga	gagaacatcc	ggaagatgca	gggtctcatg	ttccgggtgca	240
gcgccagctg	ttgtgaggac	agccaggcct	ccatgaagca	ggtgcaccag	tgcacgcagc	300
gctgccatgt	gcctctggct	caagcccagg	ctttgggtcac	cagtgcagctg	gagaagttcc	360
aggaccgcct	ggcccgggtg	accatgcatt	gcaacgacaa	agccaaagat	tcaatagatg	420
ctgggagtaa	ggagcttcag	gtgaagcaca	gctggacagt	tgtgtgacca	agtgtgtgga	480
tgaccacatg	cacctcatcc	caactatgac	caanaagatg	aaggaggctc	tcttatcaat	540
tggaaaataa	aagttttttg	cagtggccat	caagggcttg	agggcaagaa	tatatTTTTT	600
attagggaaa	aaaaaaaaaa	agcctnttng	aacttttagt	gagttcgtat	taagtanaat	660
nccagacatt	gataaggata	catttgattg	aggtttggga	ccaaaccaca	accttgggaat	720
tgccagnngg	aaaaaaaaat	cttttttttt	gtgnaaaatt	tgnggaatgg	ctatttgggt	780
tttanttggt	aaaccaatta	ttaagcttgc	aaataaaaaca	aggttnan		828

<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

nnnnnnnttta	nancagctct	tgtctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggttactttc	tttctcacac	aaaggaaaaa	agagactatc	tttagggaaa	cactgcttta	120
aatcatcttc	cttgaatatt	aattctctgt	tgcttctctc	aaaaatggag	aaaataatcc	180
ctacctcat	aggcttatta	taaggctcaa	ttatgataat	ggtgtgaaaa	ctttgaaaat	240
tagacttcag	agaaattgag	ttaatctggg	attattttatc	aatgtcttag	taacccaaaag	300
tttaaaatgt	gttttgtcta	ccaactgggt	gcatgtacat	ggttaatcca	aaaggctcag	360

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cttttcagca aatggaaaaa gattaacttc tttatggatc acattatgag atgaaacaca      420
tttcattcta gctgctgaaa aaatagcaac atgtttttga aaccattgtg attttgtatt      480
gcagtcacta aaacatcaaa tatatcattt ttatgttaaa gtgccctaata ttgtgttggt      540
acataaaact tggagtacct tggccaaata gaagaaatta atgtgccgcg tgtctgtttt      600
aaaagaatga aatctgagcc cagtgtgang ctcatgcctg taatcccacc cctttgggag      660
gcttgaggca nggaaaaaatg cttgagtnca ngagttggag accancccgg ccacatangg      720
agaccttttc tnttccaaaa aattaaaaaa ttgnccgnca tgggggggcc atgccgtgta      780
ggncccnct                                     789

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<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4086

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ttatctccag ttggttgaat ccattgatgc agaaaccacg gatacggaga gctgactctg      180
tgtgtgtgtg tgtatactca ccaattcttt atttattcaa caaatattta ttgaatttct      240
actatgtgtg aagcatagtt cacgacctg gggatatagt agacaagctc cttgccttat      300
tgagctcaca ttcttatggg gaagggcagg ttcagggcct tctcagatct ttgctgggca      360
tgcacacagc cctgtgcata tgctgctttg tggattccca caatgagctg aagcttttca      420
aagctcctag ggacgtacca ttctctggct tttccttttg agcttttaggt tagccttttg      480
tttgccttaa tatcaccac tactcaggca ggaatgaagt caaacaattg tcttgaaata      540
ttttcaataa atgcctctgg agaaaagggg ttttattttt ttagccctgg ataagatcct      600
ggttagggta aataaangca gccttgcaag tgggggcttt ccnggaagca ccagacagac      660
aaataactac agtccatgag aatgaacttt gaagggtctt naccctatc tgccttatta      720
agggntggca ngntcctggg ggtcancaag atgggggact ggttggcttt caagn          775

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<210> 4087

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4087

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tnnnntttta atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga      60
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cggggcagag agcggcctcc gagggtcacc tgaatgggtg agcatggacc ctgttgctac      180
ccacagctgc catctgctcc agcaactgca tgagcagcga atccaaggcc tgctttgtga      240
ctgtatgttg gtggtaaaag gagtctgctt taaagcgcat aagaatgtcc tggcagcatt      300
cagccagtat ttaggtggg tattttagac ttcattctcc tagctgtgaa ttaagggtaa      360
agctctttta gtatggaagt attcatattt tggtctcctt ggatttcact atctttatct      420
tttatagcac attggatttt gtaggagttg ttttaatttt taagtttggt aaccattttt      480
attatttttg cttttgngtt tagagtaacc tgaaaagaaa agaggctctt aagtaaaatg      540
aatttgggat gactgaaagt attttgggtg ntgggctttc attttactaa ttctggctaa      600
tgtcannctt ctacatatat ttcttatcct ttcaagaaaa aatgatgggg gaattaaatt      660

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nccngtcana aatthttnttg tgataanaaa tcaggggaaa aacatatttg ggggtggant 720
tctthttttt tttcttaant aaannnttta nttttggntn tnatttnnaaa 770

<210> 4088

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4088

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atagtataa	tatcatactt	ggttgttagg	cttggttctt	ccccacatca	gaggcatcta	180
atgatttatc	ttttgtaatt	gctgtgaact	tttttaaata	agccatttag	tgtgaaattg	240
tcagtataca	aatggctatt	ggaaatggac	tttactcaat	tttaattcca	ctgtaaataa	300
ggacggagtc	attcctacaa	ggctctcttc	agagaaatag	attaaaagtc	caatttccag	360
gtattattag	tatagttatg	cggctgggac	acatcctcaa	caacagctga	tccctcttgt	420
ataaatatgt	taactgtgca	gaacagttat	gttatgggac	aaatataatg	gtcattatgg	480
tcagattggt	tgatgccaca	ccagtcaagg	tagagtctga	tagggcagta	tcttaataac	540
cctcccatga	cttaactgtt	ggatttgaaa	ggaaaacgta	ggatttgctc	ttgnccccct	600
ccccacaaa	atthttgataa	tttgthttaaa	aaggggagang	cngaggaaaa	gactngaacc	660
ttaaatngct	gctthtanggt	ttgccagang	cccatactta	acattagttc	ttaaaattcg	720
anggtatttt	actaatgnaa	ttaatcaaca	gagccccnag	gantthtttta	tggn	774

<210> 4089

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4089

nnnnnnnnnn	ntntatana	tacagctact	tgthctthttt	gcaggatccc	atcgattcgc	60
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aataaaatat	aaataaaata	tgaaataaaa	taaaagccat	ggggaaaagg	tagggthttga	180
ttgctaataa	gaaattthctt	ggaaaagaga	ctagctctct	thtggtthtc	caaagtccac	240
atthttataa	atthtttagtg	cttggtgttt	gcttggtgta	ttacattaga	taaaaatgta	300
tcacagtgtt	ggthttatact	ggatgtthta	ataggattca	ttgaaagggg	tgtgtthttct	360
thctgaggaa	tacttactca	gcattthctt	cagaaagtta	cttgctgcta	atcctthtatg	420
gaggctctag	gggaacatca	thttcttgcc	thttccagct	tctacaggct	gtccacatcc	480
tcagctagtg	gccccthttc	atcctthttt	thttctthga	attatgagat	thtttgtact	540
ttgagthctg	ggatacatgt	gcagaacgtg	caggtthtgc	acataggtat	acaagtgccca	600
tggtggthttg	ctgtacccat	caacctgtca	tctacattag	gtattthctcc	taatgctatc	660
ccacccttag	ccccttaccc	cctnacagtc	cccgtgtgta	tgthccccctc	ctgtgtccat	720
gtgtgtcat	tggtcaactn	ccacttatga	ntgagaacat	gcannggttg	ggnthttctgg	780
thctgngtga	agthgtctgan	aatgatggnt	thcagctthta	thcatgtcct	gcaaaggaca	840
tgaa						844

<210> 4090

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4090
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 aatgattttg aacaaggcga attatatattg agagaaaagt ttgaaaattc aattgaatcc 180
 ctaagattat ttaaaaaatga tcctttgttc ttcaaacctg gtagtcagtt tttgtattca 240
 acttttggct ataccctact ggcagccata gtagagagag cttcaggatg taaatatttg 300
 gactatatgc agaaaatatt ccatgacttg gatagctga cgactgtgca ggaagaaaac 360
 gagccagtga tttacaatag agcaagattt tatgtttaca ataaaaagaa acgtcttgtc 420
 aacacacctt acgtggataa ctctataaaa tgggctgggtg gtggatttct gtctacagtg 480
 ggtgaccttc tgaaatttgg gaatgtaatg ctttatgggt accaagttgg gctgtttaag 540
 aactcaaatg aaaatctttt acctggatac ctcaaaccag aaacaatggg tatgatgtgg 600
 accccagtcc ctaacacaga gatgtcttgg gataaagagg gttaaataatgc caatggcgtg 660
 ggggtgtgtg gaaaagaaca aacgtatggg tccgtgtaga aagcaacggc attatgcttc 720
 acatactgga ngggcantgg gtgccagtag tgcctctggt tcctcctgaa aantgg 776

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4091
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 gtaaaacaga aatgataacc ttactattaa ttgtgtgacc ttggacaagt tacaacatct 180
 ccctgggcgc gattgtccca tctgaaggtc ataatagcac ctgccacaga ggatggtagt 240
 aaggattaaa ttagttaatc catgtaaatt acctaggtaa gtgcctgcca tatagcaagt 300
 gcttggtagt tttttttaaa aatcactggg atgactattg cagacacctt tgccatgatt 360
 ggaatagctg gaatccaaac tcaagccttc catttccagg gttctggctg gtgtggggct 420
 gacagacctg gatggggatt ccagctctg cctctcttca gctgagcaag tcaactggaac 480
 ctctctgagc tgcattctgt tcagctgtaa aataatagtt tgtactttgc aggggtgttg 540
 taaggcaatg gtctccagcc tttttggcac cagggaccag ttttggggga agaaaatttt 600
 tncatggaca gggntgctna aggggatgtt ttnaagctcc catgaggatt taatgcggcc 660
 ggccccgng gcttaccct gtaatcccaa nacttttgga agcccaagt ngccggatcc 720
 ccaggtcagg gaaacgagac cntcctggta acatggggaa ac 762

<210> 4092
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4092

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gcacgaggag	gagttaaatt	ttgaagctct	ttgagaaagg	taccttttct	taacatgttt	120
taaaaataaa	aatacaatgg	cttattttaa	atgtccctat	gcatggtgaa	atgttaaata	180
ccaagtggat	gaatggttct	caaatatatt	gtaatggaga	attattcaca	tgcattctatt	240
gtttaaacta	ataagtaaaa	tagacttcc	ttttctgttc	tgttttaaat	gtgcactaaa	300
attacctgct	tgtggttagc	atgggctgga	cagtttattg	atttttcaga	agaatgcttg	360
gctttgggtt	tttggcaata	gggagcctgc	agcaaattat	ttcatttgac	aaaaaagagt	420
tattttaatc	ctatttgaat	gtatgctatc	tcctttaccc	tcccatctt	atgataaaaag	480
gtctctcttt	tttctcttcc	aggtttgcag	ctaaaactgt	gcacagtggg	tcattgatgc	540
tagtcacagt	ggaactgaag	gaaggctcta	cagcccactt	atcataaaca	ctgagaaaaac	600
tgtgattggc	tctgttctgc	tgcgggaact	gaacctgtcc	tgtctcangg	gtaacctgct	660
tacatctgga	ctttanaatc	tggcacacaa	caaaagtgcc	tggcatcact	actgntgcct	720
ttcatttata	ataatagccc	ttcctcttgc	agtgggggta	ga		762

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4093

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tcaagtncca	ncacaccggc	gccgtcctgg	actgngcctt	ctacgatcca	acgcatgcct	120
gnagtggagg	actagatcat	canttganaa	tgcttgatnt	gaacactgnt	cnagaaaant	180
tngtngggac	acatgatgcc	cnmntnanat	gtgnngnata	ctgtccaaan	ctgaatntna	240
tggtcnctgg	natntngnnt	cagncnnata	aactgcngga	tcnnncanct	tctngnaant	300
cnnggaccnn	nnctnngccn	gaatangtgt	ataccntctc	nangtcttgg	agaccgncng	360
gttgtgggna	cngcaagnct	gccnnngntt	actnccatnt	tangccaaca	tgggtatncc	420
antcttggtg	gngatanacc	atcctgcctt	accngacttg	atgngttcga	gnntnngcaa	480
actnnnnngg	cttgggnatta	agctgnntag	aangccaagn	nnattctgan	aatntggacc	540
tgngccttng	ggccataaaa	aagcgnatgn	cnntttctnn	ggccaaaacna	tgataacctg	600
attnccatcg	atttcaccct	tganaatggc	ttcanntnta	aactnaatac	ncaantnntt	660
atcntcaang	nggaccgnaa	acgcttngng	aanccttttg	gggggnncan	tnttgcaaaa	720
cnngaaangt	gcccatttaa	anccaaactc	gcaattgngc	aanttnantt	caattgcctn	780
gaataattgg	agang					795

<210> 4094

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4094

natggntttt	nannatacag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
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cacgagacag	agcgagcaact	ccagttcaaa	aaaataaata	aaaattaaaa	aataaaataa	120
aataaaaaat	ttactaggca	tccagcattc	attaaggaga	ataattcagt	taaggaggaa	180
aagaattctg	ggattctggg	aatttcctta	accaataaag	agtatgtgtg	agaaacctac	240
tgctaacatc	atacttaatg	gtaaaagtcc	aaagatcagc	aaaaagagga	tacctggtct	300
aaacacttcc	actaagcatt	atactggaag	ttctagctag	tgcaataaat	gaaagaatac	360
aaagtatcca	gattggaaaag	gaagtataat	catctttatt	aacagattat	atgattgtct	420
atataaaaaa	aatctgaagg	tatctacaac	actattagaa	ctaaatgagc	ttagttagac	480
tgcaaaataa	agatcaatat	atataaagca	gatgattttg	catgactagc	catgaacaat	540
ctgaacctta	aaaccttaaa	tgccatttat	acaccatana	caatatgaaa	tncatagtga	600
tgcatctggc	aaaagaagtg	caagatgtat	agtataaaaa	ttaaaacact	ttggggagaac	660
tttaaaaagc	ctaaatgaga	ttactatgtc	agagactcca	gactcatacc	ataatatgca	720
atcttccacc	tgcttaagat	cagtgaatcc				750

<210> 4095

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4095

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atattcaatc	atattatcta	aggtacactc	cacattcaga	aaaaaaaaatg	ccctttacca	180
tagtttttgt	tttgcctttg	gttttgatca	aagattacag	gtgtgagcca	ccgcaactgg	240
cccactgtgt	tacgatttga	aataaaaagg	aacctgtcaa	gtaccagag	aatatcagaa	300
ctgctgtccg	atctcctgaa	attgaaatta	atttctcag	tgactcaata	cccactgcca	360
ctcactcaag	ccctgcaagt	tcaagccaaa	tcactcctgc	accacaggaa	tctgatgggt	420
cacgctgctg	cctactgaaa	atggggattt	gggttagtga	taaaataggt	taaaacacat	480
aaaataggta	aactagggtg	aaatacagta	agaatgggtg	agaggagaga	aaaagaaact	540
tcanttttagg	aagcataata	ctacttaaaa	tttcttgaga	ataaatttgn	cttctagaca	600
acacanagna	nnntanncn	nnnnnnnnnn	nnnantnnna	aaaaagcctn	taaactntag	660
gagtcnttta	cgnaatccn	acntgtnaga	tncttgatga	nttggaaca	ccacttgaat	720
gcagngaaaa	aatgcttttt	gngaaatngg	agctttgn			758

<210> 4096

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4096

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ggcacgagac	gggagctagt	gacggcattt	ctacgatcct	gaagatcctc	gtctccgggg	120
gcggaagtc	acggacagg	gtgatgatcc	ccatcccaca	atatccctc	tattcagctg	180
tcactctctga	gctcgacgcc	atccagggtga	attactacct	ggacgaggag	aactgctggg	240
cgctgaatgt	gaatgagctc	cggcggggcg	tgaggagggc	caaagaccac	tgtgatccta	300
aggtgctctg	cataatcaac	cctgggaacc	ccacaggcca	ggtacaaagc	agaaagtgca	360
tagaagatgt	gatccacttt	gctgggaag	agaactcttt	ctcctggctg	atgagggtga	420

ccaggacaac	ntgtactctc	cagattgcag	attccactcc	ttcaanaang	tgctgtacna	480
natggggccc	gagtacttca	tcaacgtgga	gctcgccctnc	tttcacttca	cctncaaagg	540
nctncatggg	ccnatgtggt	tacanacgag	gcttcatnga	ggnaaatcaa	cctgcccctg	600
anatcaaggg	ccanttggtg	aaactgcttt	cggnnctcct	tgtgccccnc	aatatntggt	660
caaggccgcn	ntggacattt	ttngtgaacc	cccttggccca	tgccctnaact	tcaaaaacaat	720
tnaaatgntt	tttttttttg	nnncaaatta	naacctnact	tantttttgcc	a	771

<210> 4097

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4097

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acgaggctgc	tgggcctgga	agtccagggt	gggccactcg	ctaattctca	tgtgttgctc	120
cggcccctcc	agctgcaggt	gggtgtggag	tttgaggcca	gcacaaggat	gcaggacacc	180
agcgtctcct	tcgggtacca	gctggacctg	cccaaggcca	acctcctctt	caaaggtaaa	240
ggtctcggtt	cccctacgcg	ggaaacaggc	aggaggtgac	tcaactctga	gtggatgtgt	300
gggccaccac	aggtgctgga	ggacagtgtg	ctgccaccct	gtgggcctcc	acattaccgg	360
ggaacacttg	ttaaaaggta	ggtggggccg	ggtgcggtgg	ctcacgcctg	taatcccagc	420
actttgggag	gccaaaggcg	gccgaggtaa	ggagattgag	accatcctgg	ctaacacggt	480
gaaactccgt	ctctactaaa	aatacaaaaa	caaaattagc	cnggtgtggt	tgccggtgcc	540
tatagtccaa	ctactgagct	naagcnggaa	aatggtatga	accaggaag	cggacttgcg	600
gtgaacccag	atcgtgccac	cgacttcaac	ctgggcgaca	gacaagaatt	catttnaaaa	660
aaaaaaaaag	tagtggacaa	ccctntacta	tgtttatctt	gggaaaaaaa	agtnngttna	720
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<210> 4098

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4098

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aagaggctgt	ggctcttcta	accagtgaag	aaaataaaaa	cttttcattg	ctgattgcaa	180
ggcctgaact	ccagctggat	gagggctgga	tggatgatga	caggaacgac	tttctggtgt	240
tggatgtcaa	tgatgatttt	tctgaggaag	taaccaaaaca	agaagacctc	atgagagagg	300
taaacacctt	tgtaaagaat	ctgtaaccaa	taccatgatg	ttcaggctgt	gatctgggct	360
ccctgacttt	ctgaagctag	aaaaatgtng	tgtctnccaa	ccacctttcc	atccccagcc	420
cctctcatcc	ctggagcact	ctgccgctca	agagctgggt	tgtaattat	ngttagactt	480
tgccattggt	ttctttttgtc	ctgaagcatt	ttgaaaataa	agttacttaa	gttaaaaaaa	540
accaaanaaa	nactcgagcc	tctanaacta	tagtgagtcn	attacgtnga	tccaganttg	600
atnagaaaca	ttggttaggt	nggnaaccac	aacttgaatg	ccncggaaaa	aangccttat	660
ttggtaaaat	tgtgangcna	ttggtttatt	cgtaaccttt	ttaaccggcn	ttnacaagtt	720
aaccacnacc	attgcttttna	ttttatgggt	tagggctcng	gg		762

<210> 4099
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4099

tgnnnnnttn anaancagct cttgttttnn agcangatcc ctcgattcga attcggcacg	60
agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg	120
agtctctgat ggggagcagt attgcatggg ggttgagaac tgaggctctg atgttagaac	180
tggattctga cttaaccac tgtttgccca catcttgagc cttggtttcc ctatctgtaa	240
aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg	300
cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtttg	360
agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg	420
ggcatgggtg tgcaccctg tagtctcagc tacttgggag acagaancag gagaattggg	480
tgaacttggg aggtggagggt tgcantgagc tgagatcgca ccactgnact ccactcctggg	540
cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa	600
aaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat ccagacatg	660
ataaaaaatac catttgatga agtttgggac caaaccctcn ccttggaatt gccggtggna	720
aaaaaaatgc cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa	780
accatttnt taaagcttgc caataaaacc aanattna	818

<210> 4100
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 4100

aanncnnggct actngttctt tttgcaggac ccactcgattc gaattcggca cgagatccaa	60
ctgtggcttc tcccaggacc attacacttg tatctaaata cctacttgac atcttctttt	120
ggatactgaa taaagatctt gaacaaacaa ataaaaacag taggttggtg atgcatgtta	180
ctttgcccaa tagatatatt ctatcagaat gtgatttgta tatataatat gtttacatat	240
taaattttga ttcaattaaa attctccaca ggggagattc tgtggtaagt tctttcgtaa	300
atgaagtaat tattctagtg atttaagttc atgttacttg tactttatgc tttattattg	360
atgtgttatt atgcagtatg cttattttgtg ttttattctt atgttattta ctcttgtttc	420
tgattgatct ttcatgaagc tcctaatact ctgtccatag aagcacagct ataatgatat	480
ttacatatgt aaggaagact acaaataattt cttcttttga ttcattttttg gtgattatct	540
ccttggcaga cataaaagac tgatgtggtt tggctgtgtc cccacccaaa tcttgaattg	600
tagctcctct aattctcacg tgtcatggga gggaccagc gggaggtaac tgaatcatgg	660
gggcaggtct ttcccatgct gttctcctga tagtgaataa gtctcacgag atatgatggg	720
ttaggaatgg ggagttcccc tgggcatgct ctctctcttg cctgccacct gtagacgtga	780
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<210> 4101
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (818)
 <223> n = A,T,C or G

<400> 4101
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 agtctctgat ggggagcagt attgcatggg gggttgagaac tgaggctctg atgttagaac 180
 tggattctga cttaaccacac tgtttgcccc catcttgagc cttggtttcc ctatctgtaa 240
 aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg 300
 cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtgtg 360
 agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg 420
 ggcattggtg tgcacccttg tagtctcagc tacttgggag acagaancag gagaattggt 480
 tgaacttgga aggtggagggt tgcantgagc tgagatcgca ccactgnact ccatcctggg 540
 cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa 600
 aaaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat ccagacatg 660
 ataaaaatac catttgatga agtttgggac caaaccnccn ccttggaatt gccggtggna 720
 aaaaaaatgc cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa 780
 acccatttnt taaagcttgc caataaaacc aanattna 818

<210> 4102
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (845)
 <223> n = A,T,C or G

<400> 4102
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 agcttctcag cagccacgta aggcttaaata atgaggggaa aggggctctt agaagtgaag 180
 tgacttctga aagatgcaca gagaattagg aaagagtctg aattcaaccg tggaaccctg 240
 actttcaggt gagtgccttg cccactaaag aatgacaaaag ccatggggag tggcatggaa 300
 agcatgagct ttggagttag acaggccttg gtgtgaatcc tggtcacccc agttctgtta 360
 aagacctcag aaaagttacc tagcttcatt aagcctgttt cttcagccaa aaattaatgg 420
 tggttaacgct tacctctcag gatggggggt acaaataaat agaacgacat aaagtacata 480
 atacatcaat cagttaggat gtatttgggt acaggcaaaa gaacagccct cctcaactgg 540
 cttaaccaac aattaacctt ttatcttaca taaaaggagg tctagaagta gggatgttcc 600
 aggtttgggt aatccagcag ctcaaccatg tcaacacaga ccgggttttc tctgtcttgc 660
 ctttttgcca ttctcagtg tttcatgggc tccctttatg cttgcaatat gccagctgca 720
 gcttcagaca tcaacttntc acatacctat gtccagagca gaagaaggac atttctcctt 780
 gngcatttct actggagact aaattttcct gcctggcaaa aaaaaaaaaa aaaaaactcg 840
 nncn 845

<210> 4103
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (830)

<223> n = A,T,C or G

<400> 4103

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cttcttcctg	ccatcatgtg	aagaaggacg	tgtttgtttc	cccttctgcc	acgattgtaa	180
gtttcctgag	gccttcccag	ctatgtggaa	ctgtgagtta	attaaacctc	tttcttttat	240
aaattaccca	gtcatgggca	gtcctttaca	gcagcatgag	aatggactaa	tacactcctc	300
aaatgttttg	aagattgttg	caccttgga	ctaccagtgt	gcacacaatc	tggtcaatg	360
tatatattgg	cccagcaagg	caaagaactg	aagttccagg	atggaagaac	ctgtgttctc	420
ctcataatag	tatagaataa	ttcaagatag	gcaagaagga	cagcagtaaa	tgaagaccat	480
ggaagaaaag	aaggaatgcc	aaagatcgag	gaaatctacc	aagactagta	gggtagtcca	540
gaagaagctg	tttcagggcc	tgttgccagc	tatgcctttg	agaacctcgg	gatcccaaag	600
aatgagggga	atttcttcag	aaagacaatc	tcggcatgca	ttatttcttt	ggtttgaaga	660
ttcactcatg	ttgcatgcat	ctgtagcttg	tgcttttttt	attgcctagt	agtattctgg	720
catatgccta	tcttacaatt	tgattatcta	ttcacctgtt	ggatgaatgt	ttgaattttt	780
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<210> 4104

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4104

nnnnnnnnnn	ttntnaanat	acagctactt	gttctttttg	caggatccca	tcgattcgga	60
gaatcatgac	tgctggctga	agcctgcatc	tttgggtaaa	cagggcaatt	aattcccaga	120
gaacaaggac	atcatggata	gttaaggcaa	ccagataggt	gcttatcctc	taggtctcca	180
tccaaaatgg	agtaatgaca	cctactttcg	tgttttaaga	tttaaacgca	gtaacatatg	240
taaagtgcag	agtctgatgt	tcgagtccac	aacgatgtaa	ataatgcaaa	accagtggat	300
tactcatgct	taatttatat	tttacttgga	aattttattc	ctttttcttg	gttatctctc	360
taaataaggt	aactttttta	tacattttct	ttttatatgt	atttattctt	ttttttttgt	420
gacggggtct	cactctgtca	ccaaggctga	aatgcagtgg	tgcgatctca	gctcactgca	480
acctccactt	tccaggctca	agtaattctc	cagctactca	ggaggctgag	gcaggagaat	540
cgcttgaact	cgggagatgg	aggttgcact	ccgtctggat	catgccactg	cactccagcc	600
tgggtgacaa	agcaagactg	tcttaaagaa	acaaaacaaa	actacaaacc	aatttgtttt	660
aaagcatgtt	ttttctctgg	taaagaacct	tncagtgagt	aacacaggac	ataaatttac	720
tatggtaatt	aagtcgtttt	tatcanatgg	nattattaag	ttggttttat	caagtggnat	780
taaaggattc	atttgtttac	agtattattc	aacacnaatn	ggaggataat	tacaattcct	840
tatt						844

<210> 4105

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4105

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tcggcacgag ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat      120
tttagaggca tctgttctat cttcccatca taaaaaaagc tctgaggaa atgaatacag      180
tgatgaagct cctcaggaag atgagggctt tatgggcatg tccccctctt tacaagccca      240
tcatgctatg gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt      300
gatccctcat gatgtactac cagactggct caaggataat gacttcctct tgcattggaca      360
ccggcctcct atgccttctt tccgggectg ttttaagagc attttcagaa tacacacaga      420
aacaggcaac atttgacac atctcttagg ttgtgtattc ttctgtgccc tggggatctt      480
ttatatgttt cgcctaaata tctcctttgt ggccccctct caagagaagg tggctcttgg      540
attatttttc ttaggagcca ttctctgect ttctttntca tggctcttcc acacagtcta      600
ctgccactca naggggggtct ctcggctntt tctctaagta agtatctgta aagtncatat      660
ttttggccaa tgattnanag gttagtgcnt taggggaaaa aacattcncc canantttgg      720
catgaattct ttaataatna ttctaattnc cnccttnann ttttnaaaaa aanttttnna      780
cacnaaacc cagatttgnc ttntttaanc atttnnttnn atttncnan agancncca      840
agntataaat tcggggaana cnaaaatngg ttcaatttnn t                                881

```

<210> 4106

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4106

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tttnnataca gctcttggtc tttttgcagg gatcccatcg attcgaaaag gtgaatgcag      60
aggcctggcc cagaccccag ccctgtgtgt caatacaact tttcacgttg ttacatacac      120
attttccagt ctgtgtctcc ctctgaaaga aaccctgaaa ttcagggttg taatagattg      180
ttggttgcaa gtatgaagga cagaggagggt aagagaggag gcaacttgct aatgcaaaag      240
cagtgtactg aaagtcactt ttatttctta tttataatct acatgcacac tctggataat      300
agatgacact gctcattcag tactttaact tcaaagcaga gagaagccat ggatgacaga      360
gccgggagcg ggaatacaaa ggtactaaca acaagaggaa aaatgcctgt ttacgggatt      420
gcatttgta gcacgtctc ttcatatatt gttccccccag gaatagcgaa aatatgtgca      480
gcgcgaacaa tgatttaaca tctgaaaatg gtacttaaag agtttctgtc tggtagtaat      540
gtgatggagg cttctgaagg gaacctgggg acttcatttc ttctatttat ctatatgtct      600
ctctggtttt agtgagcggg aattgcata ttaaccctc aaatagcttt aacctnacg      660
atgccacttt ttaccctgta taaaatgtac ttttatccca gcaaaggcag actcagaaat      720
tnccttacc aaaaaattat taaaaaaaaa aaaaaaaaaa cttcgagcct tttanaactn      780
tngtgagtcc gnnttacgta gatccngacc ttgatnagga tccattgatg n                                831

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<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

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gnnnnnnnnn ttttnnaact tgctaattct tggctactcg ttctttttgc aggacccatc      60
gattcgaatt cggcacgagg cctctgtcct gaacttttta acccggtgcc acaaccgcag      120
ggtctccata ggggcaggta aacgggggatt ttaatcattt taagtgtctt agaattgat      180

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tttgggaaaa	agcactcctt	ttcctaagga	ctgcgactcg	gtgaacagaa	aggaggctat	240
gcggtgtggc	cagccaactc	aaggaggacg	aagcaacctt	tgctctctaaa	ctgcctggaa	300
ccaaatgtcg	atTTTTtctga	cccctcccag	ggagtgtctga	gtagtgtatgg	tgtctggagg	360
gtcaaatacca	ttcccaatgg	caaagggttcc	tcaccactcc	ccaccgctac	aactccaaaa	420
ccactcatcc	cagtgttttg	ggcactgtgt	tcctcttctgt	ccctgcacca	gaccttggaa	480
gccttggcca	gagacctcac	cagactcgac	ttgcggcgct	gggccagctt	catggatgct	540
ggagtggagc	acgatgacgt	agcagagctg	ctgcaggagc	tacaaagcct	ggcccagtgc	600
taccaggggtg	gtgacagcct	cgtggactaa	agttcccagt	gtggggagaaa	ggagctagtt	660
tgcaataaaaa	acagctggat	gcaaaaaagcc	tctagaacta	tagtgagtcc	gtattacgta	720
gatcagacat	gatnagatac	attgatgant	ttggacaaaac	cccactngga	atgcantnga	780
aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	tattgtaacc	attattaagc	840
tgcaatan						848

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4108

gnnnnnnnnn	tttnaacctt	nctaatnctg	gtactngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgagaga	aaccagnatc	acacaggaat	gactgggatt	ttaggcctgg	120
aatgtacctt	taaaattatc	ttattacaca	ccatccttca	ttttttctcat	tttctctctt	180
tgggattcat	atattaagta	ttagggcatt	aaaacacac	tgtatatata	aagaaaaata	240
taaagtaacc	acacatgctc	agggaaagac	acaggctcag	aaaatgcctg	agaagaactt	300
agtttcacac	cccaggctga	tcctaagcac	cgagacagcc	tacaacaatc	caaaaaacaa	360
aaacaataaa	taaaaagtaa	caaacaacag	caaacctaa	agaatgacga	aatataatt	420
tccagaatta	ccactttatt	agagtcaa	gtccagtttt	taataaaact	cagaagcata	480
caaagaaaca	ggaaattatg	gccccatcaa	ggatcaaagg	aaaaaaaaat	gaatggaaac	540
tgtactgaaa	aagacatgat	ggcagatata	ctagaaaaat	actttaaaat	actgtcttaa	600
tgatgcttta	aaaactagag	gaagatgtgg	aggaagtcaa	gaaaatgatg	tacaaacaaa	660
acagcaatat	caataaggag	gtagaaaact	ttaaaaggaa	acaaaaaat	tctagagtgg	720
aaaagtncaa	tactgaaata	aatattact	agtaggattg	aagtcagtgt	tgggaataggc	780
aaaaaaaaaa	annnnnnnnn	nnntnnaaaa	aaaaactngg	ccttttaaac	tttnggggtc	840
ngtttacct						849

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 4109

tannccngct	cttgttcttt	ttgcaggatc	ccatcgattc	ggtttggcag	tctctgaaaa	60
tatataacctg	ccatatgatc	cagccagttc	actgctacct	agtttcccaa	aagaaatgaa	120
aatatatgta	tatgtgaata	ctcatatact	aatattcata	gcagctttgt	ttgtaatgga	180
caaaacaacc	caaagtcca	tcaacgttgg	aatggaaaca	acccaaatgt	caatcaacaa	240
gtgaataaac	aaaatgtgct	atacgtatat	aatggaatac	tactcagcaa	taaaaaggaa	300

tgaaaggaat	gaactaatga	tgcattgcaac	agcatggata	catctcaaaa	taattatgct	360
gaatgaaaga	agccagacag	caaaaatttc	ctactgagtg	attccattta	tataaaaatc	420
tagagaatgc	caattagcct	ttagtgaaat	aaagcagaac	agtaattgcc	tgtgacaggg	480
tgggaaagat	ttggactgga	agcagggatt	accaagaggg	gtgagaaaac	ttttgaaggt	540
gatgaatatg	tacattgtct	tcattgcttt	ggatggnttt	tccaggggtg	atattgtaat	600
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attgaaataa	aaggctggat	taaaaatggc	ccnaaanann	annanactnt	tnantntntn	720
nncnctntnn	tnnnnnnnnn	ntctntnnnn	nntntntntn	nnnnnnnnnn	gnccttnttt	780
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<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4110

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cagaaagctc	tgaaaactga	aagttttttc	ataattttat	tcactgtaaa	acctgaattg	180
aactgatatt	tatctcacta	aaaatgagta	ttcatatatt	gnactgtang	aatngtaaaa	240
ttaccaagta	ntancccaga	cctagttaga	taaatgcacn	attngctttt	aattncaaaa	300
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taattcaatg	atgtngataa	atatcaccac	ttctactacc	attgtctatt	actgaacact	420
taccatgggc	caggtacaga	gaaggaattg	acctaataag	ctnttcggnc	cntananagc	480
tntaaaaggc	aggctccttt	attgaogtca	ttttattgct	ggtcacccaa	gtggcaaggc	540
tgggctgac	cattgggtcaa	gttatgactg	cogtgcctct	ncccaaaact	taangcagaa	600
ntctcagtgc	agatgatcct	ggacttacca	aggggggttat	nctaaatnga	ataagaactg	660
ggcctaaaat	tgggaaanat	tggtaaggcc	ttttaatacc	atnttaacca	tcttagcttt	720
gncttaacct	acctttaaan	ngtgctcaa	ggacacttac	atttaccgna	cc	772

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 4111

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cgaggggacc	tcgatcatga	caggctcacc	agcctgtgcc	tgaccttctt	cacgtgacct	120
cagacatcct	gcaacctggg	gggacattcc	tttgtaaaac	ctgggctgga	agtcaaagcc	180
gtcggttaca	gaggagactg	acagaggaat	tcagaaatgt	aaggatcatn	aaacctgaag	240
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gcactgtgaa	gcagtgagga	tttcttctgc	cattttcata	atggtcatta	gctcctttta	360
agctanaaac	gtacctgagc	ttctgaagag	ttcctgggag	atttgagctg	attttggaaa	420
tggagcatga	caagtgggga	gtctctctct	ctctttctct	ctctctcttt	ttaacccaaa	480
agagatgacn	aaactaagtt	caggggccat	ggaaaatgaa	aaagtccgct	atattngnat	540
ttgggaagaa	gaaagttntc	angaagaaan	angtgangat	tgaangatng	agaaaaacag	600

acttggtggg	aagggtcana	aaggaattcc	cccgangcaa	gggattgggtg	tgcccatttg	660
tgcctttgac	cgggaccttc	atcttattat	actgggttaaa	cttgtnanac	cacaaaacag	720
gggttttcca	accctgttt	ttagaacccc	acgcncacaga	tttttccaat	tctttaaagg	780
ggggctggtt						790

<210> 4112

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4112

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ggcacgagga	aagctcatta	ccagtaggac	ataatttttg	gctctcccta	ttcacaacca	120
gtgcacagtt	tgacacagtg	gcctcagggt	cacagtgcac	catgtcactg	tgctatcccta	180
cgaaatcatt	tgtttctaag	ttgtgtttat	tcttgagtg	acatgccacc	cgaatgggt	240
cactttcact	gaggatgctg	tctctgatt	tagctgctgc	ctccagcctc	tggttgaga	300
acttactaaa	ggcacttctt	tctgtttaa	ccctgttaa	ctctccataa	atttggtgat	360
tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	acctctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcttttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cactttcttt	tctagtttct	tggatttttna	gcttaggctg	600
cattetaacc	tcatactgng	naanaccaa	gggtggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4113

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4113

ctaataccctt	gtttctaatt	cttggtact	ngttctttct	gcaggatccc	atgcgattcg	60
aattcggcac	gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	120
gagtggagg	agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggccccctc	180
actgccctgc	tggaagggt	gatggagctc	ccgcagcat	ggttcctgcc	tggttgacag	240
aggctcctgt	ggccacttta	gaagtgcggg	ttactcctca	tgccgagatg	gaccttgggc	300
agctcagttc	acaagatggt	ggtcaggcgt	catttaaata	ttttcagtca	gcagaggaag	360
caaagcgtgc	cattgaggct	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	420
tttgccagga	ccgccttttc	tactttactg	tagacatagc	gcatgtcact	tgctgggttg	480
gtgatggctt	tgcaagggtg	ctgaggatca	agccggcttc	tgagcctggt	catatgactg	540
gccctgtggg	gtccttggtg	tctctggggg	cttaaggacc	tnoctcatgt	ctttaaggta	600
gcatcattga	tctttggatg	tggctttttg	gatttcttga	acaagctaata	gttgtgtcaa	660
gaagcaacac	ttttgtgaat	ctcattggct	ttgattggat	ttgggcttgt	tcaaaaatgt	720
ttatttgaaa	aacgtattcc	tttaataaac	ttaaccaaag	agatttttaa	att	773

<210> 4114

<211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 4114

gnnntattgc aatngatag ctactngttc tttttgcagg atcccatcga ttcgaattcg	60
gcacgaggggt acccagtagg tatcgttggg aacaacggag ttctcttttc tgaatctgca	120
aaaaagggta ctacttttgt ccagttatgc tgccaaagaa atattcctct gctgttcctt	180
caaaacatta ctggatttat ggttggtaga gagtatgaag ctgaaggaat tgccaaggat	240
ggtgccaaaga tgggtggccgc tgtggcctgt gcccaagtgc ctaagataac cctcatcatt	300
gggggctcct atggagccgg aaactatggg atgtgtggca gagcgtatag cccaagattt	360
ctctacattt ggccaaatgc tcgtatctca gtgatgggag gagagcaggc agccaatgtg	420
ttggccacga taacaaagga ccaaagagcc cggaaggaa agcanttctt catgctgatt	480
aaaccgnttt taaaaaaccc ttcttttaaaa ntttgaagag gaaggaaacc tactntccag	540
ccaaggtatg ggatgatggg atcattgtcc acagacncag actgtcttgg tctngtttag	600
tgcacctnac cccatngaga gatgntcgtt cttagatgta ctggataagn gttctgtgaa	660
tnctgaatac ctgngtanct aaattaactt cnctagtgtc anat	704

<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 4115

gtnnnnntttc aattgnttag gctctcggtt ctttntgcag gatcccatcg attcgtttca	60
gctttcgtta ccagcaggag ctggaggagg aaatcaagga attatatgag aacttctgca	120
agcacaatgg tagcaagaac gtcttcagca ccttcggaac ccctgcagtg ctgttcacgg	180
gcattgtagc tttgtacata gcctcaggcc tcaactggctt cataggtctt gaggtttag	240
cccagttgtt caactgtatg gttggactac tgttaatagc actcctcacc tggggctaca	300
tcagggtatc tgggtcaatat cgtgagctgg gcggagctat tgatttttgt gccgcatatg	360
tgtttgagca ggcttcttct catatcggtg attccactca ggccactgtg agggatgcag	420
ttggttgaag accatccatg gataaaaagc tcaatagcat ctttaacgtg aaaatnaaac	480
cagaacncna nnaaggcctt tanggatttc ngggtttttg cccacggcca caggttcatt	540
tccagaggaa tgcaaaactg anacnatcca ggaagagcta aaacatggcc ctgtaataaa	600
tgaccagacc tttcctgngg ttcaaattnt taacacactt cctttctttt gggaaaaaaa	660
aannnnnnnn antnnnnntt nnaaaaaaaa aaacttgacc tttaaactnn aggatctttt	720
actnantcca acttgntaga nccatggtna gttgggna	758

<210> 4116
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)

<223> n = A,T,C or G

<400> 4116

```

ggnnnnntnn nntttgaaac cttnggctac ttgttctttt tgcaggatcc catcgattcg      60
aatcggcac gaggtcaacc tctaccacgt ggggaggat ggctggatcc nagtctccag      120
ngacaatgtg gctgatctac atganaagna tantggctct acccctgaa agagggtgga      180
tgcactgtgt tgtgtatntt ggggtgactg tcattggtaa tacggacaca gtgacccatc      240
ctccatncta tttatagnngn aagggccttc antngtatca gtacttgatt tnaagctctg      300
gcacattgac ctntatgtgt taccagtcac taatgagctg ntgcacgagg tgactattng      360
ttanactntc ttagcatggt aacattacac tntcactac tcatananaa gnntnnnnan      420
aacttgagnc ctttaaaaac ttttaagtna gtcannattt cegtngatt ccaatanctt      480
ngaatnaaga atncccttgg gntnaatttt tggaaatcaa acttcctacc tttgnaaatt      540
nnennntgtg aaanantaaa atntgcttta aaatttttng ttgaaaattc ttgggggggaa      600
necatttttt nngncttttn aannngnggg ttacccctt tnattannnt cttnaaatan      660
ttncaaaann ttttaaccct caaccttttt ggntttttan tttttaagng gttncatgnt      720
aaaangtnaa atntntttgt anngnttttt ttntccagnt nccnngngtt cttnanaaat      780
ttngccennn gtgtcnacaa nntnttttgn tncntaatt tatnggnggt tttnttncn      840
ctnttgtcat aaaatagngt taanctgnn      869

```

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

```

ggtnnnnttt tttnnttaca gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagga gatgctgaag gaaattatag ccagaggaaa ttttagactg cagaatataa      120
ttggcagaaa aatgggccta gaatgtgtag atattctcag cgaactcttt cgaaggggac      180
tcagacatgt cttagcaact attttagcac aactcagtga catggactta atcaatgtgt      240
ctaaagtgag cacaacttgg aagaagatcc tagaagatga taagggggca ttccagttgt      300
acagtaaagc aatacaaaga gttaccgaaa acaacaataa attttcacct catgcttcaa      360
ccagagaata tgttatgttc agaaccctac tggcttctgt tcagaaatca gcagcccaga      420
cttctctcaa aaaagatgct caaaccaagt tatccaatca aggtgatcag aaanggtcta      480
cttattgtcc gacaccatng aantnttttg aggggtgcna aanaccattg aaaaaagaac      540
naaaagcctt aaaagccttg tnttcncttg taaattcacc tgcaaaaata tggattggct      600
ntttaccaac ngggcaacc cggcaaacn aaaaaggctt gtgggnattt ggaattattt      660
ggtnccgaaa atngtctcnt ggtaanttat tcattactta cttnaaagaa ctgggttcaa      720
aaatnggcaa gcnttccttn aaaagcccag tttgttaaaa aatanggtcc cccttgnctt      780
ggttccaaaa nnaaaaggcc nnaanggaan ttccn      817

```

<210> 4118

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4118

```

gntnnnnnnt  tgtntncata  caggctactt  gttctttttg  caggatccca  tcgattcgaa      60
ttcggcacga  gccggttcc  tcatcaacct  cattgactcc  cccgggcacg  tcgacttctc     120
ctcggagggtg  actgctgccc  tccgagtcac  cgatggcgca  ttggtgggtg  tggactgctg     180
gtcaggcggtg  tgcgtgcaga  cggagacagt  gctgcggcag  gccattgccg  agcgtatcaa     240
gcctgtgctg  atgatgaaca  agatggaccg  cgccctgctg  gagctgcagc  tggagcccga     300
ggagctctac  cagactttcc  agcgcatcgt  ggagaacgtg  aacgtcatca  tctccacctta    360
cggcgaggggc  gagagcggcc  ccatgggcaa  catcatgatc  gatcctgtcc  tcggtaccgt     420
gggcttttggg  tctggcctnc  acgggtgggc  cttaccctga  agcaatttgc  cnaanatgta     480
tgtngcccaa  tttngccgnc  caagggggga  aagggcccan  ttnggggccc  tggcnaaacn     540
gggcccanaa  aaagggttnan  ggaccattga  attnaaaaaa  aaccttttgg  ggggttgaaac    600
aagggtnoct  ttttggaccc  ccaancccca  aacggggcaa  aggttttnaa  ncnaagggtt     660
naagcccaac  ccaaaccccc  ccnaaaaggg  gnaaaaaaaa  cttggccaan  gccaacnntt     720
ttttggccaa  acttggaaac  cttgggaanc  cccatttttt  tnaangggng  ttttggatgc     780
cnaaccattg  aaatttttcaa  ggaaaanaag  gaaggccngg  gattngggaa  aacccccaaa     840
aatttttttc  catttttttt  n

```

<210> 4119

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4119

```

ggtnnnnntt  gtaanntana  gctacttggt  ctttttgcag  gatcccatcg  attcgaattc      60
ggcacgagcc  tcattatcca  ccacgcacag  atggtacagc  tggggetgaa  caaccacatg     120
tggaaccaga  gaggggtccca  ggcgcgccgag  gacaagacgc  aggaggcaga  atgaccgcgt     180
gtccttgccct  gaccacctgg  ggaacacccc  tggaccocag  catcggccag  gaccccatag     240
agcaccccg  tctgcccctgt  gccctgtgga  cagtgggaaga  tgaggtcac  tgccactttc     300
aggacattgt  ccgggagccc  ttcatttagg  acaaaacggg  cgcgatgatg  ccctggcttt     360
caggggtggtc  agaactggat  acggtgttta  caattccaat  ctctctatct  ctgggtgaag     420
ggtcttggtg  gtgggggtat  tgctacggtc  ttttaattat  aatnaatatt  tattggatgc     480
ttnaaaaaaa  naaaaaaaa  aaacttnngg  nctttttnaa  attttttagg  gagtctngtnt     540
tncntagan  tccagacntt  gtttanggat  nccattgggt  gaanttttgg  gaccaaaacc     600
ncaacnttgg  aaattgcenn  ntggaaaaaa  aaantgcctt  ttanttttgg  gnaaantttg     660
ggggaatgcc  ttatttggct  ttttaatttt  gtaaccnntt  tttttaagc  ctggcaattt     720
naaccnaggt  ttnaccnanc  caaccaaatt  ggcattttca  tttttaang  gtttttnang     780
gtttcaagg  gggnaagggt  tttgggaaan  gttttttttt  aaaatttnnn  ggggccccnn     840
ggnggccn  a

```

<210> 4120

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4120

```

ggtnnnnnatt  taanntnagc  tacttgttct  ttttgcagga  tcccatcgat  tcgaattcgg      60
cacgaggmnc  ctgcaagggc  tgggtgtgaa  acaagcannn  tngntgcntg  aagcaaaagt     120

```

```

nanaacngngg  tgttnactgt  tgatgtgacc  ccacaaagtg  tnggaaccgc  catcaaggcn      180
nggntagctn  gggcactgt  ganccgaccc  anaattncnn  nggntccttc  naactgnang      240
atcctaccna  ggtnaccenn  ggatngngct  tntntaatnc  nntttgtgcn  accccnaata      300
gcnnгатсct  gaaaganatg  tgccatgtng  ancaggtgct  gtnaaagaag  actgcttcng      360
ctccctgncc  ttttgacctc  ccngagttga  aacatgtagc  aacacgnntn  ccatagaata      420
caaggctcca  gntgaagaaa  aagaaacggg  ntctggtcag  naacaatcag  ntccntntc      480
ttggangatt  cccctntnt  aatnaaaagc  cctnatttna  nttttnnang  cnttnaattt      540
tttacnctn  caatntttg  tttgcntaan  atgctttttc  aaggtttgan  aaccctttaa      600
angggggttt  tttttnaaaa  tggactttct  tntgggattt  tnagggtttt  antttggctt      660
anttnaaaaa  aaaagntaac  caaaaaccgt  ttnccttgnaa  aaagaanggt  nnacccttta      720
aatnggatnt  tgggcccttt  aancctttca  atgttccang  gnttacctna  cttttangtt      780
ntntcccaaa  aaaanggttn  ctaangtntn  ccttatttgg  actnnaanaa  cccnaattga      840
actttttn

```

<210> 4121

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 4121

```

gnnnntttcaa  teganagctc  ttgtttctttt  tgcaggatcc  catcgattcg  aattcggcac      60
gagtacatat  ttgtcataat  tacaataaaa  taaaagagc  tatttttgaa  ctgggcaagc     120
tgttttctaaa  tgtatatgga  aaaataaaaa  tgtctccaaa  aaatccctgc  agagggaaac     180
tagcccttcc  agatataaaa  tatattatag  aactgtgtaa  tttaaagcaat  atgggtactgg     240
tccataaaaag  aacataaaaac  caaatagttc  agtagactca  aaatgcaagc  gttggtgagg     300
gtatggagaa  aagggaaacc  ttttacactt  ggtgtgaatg  taaattagta  cagacattgt     360
ggaaaacagt  ttgtagagct  tccctcaataa  aaacacatat  gatccagcaa  tccactact     420
gggtatatat  ccaaaggaaa  tgaaatcagt  atgttgaaga  gatacttnca  cgttcactgg     480
aaccttgntc  acattggcca  gnacttaaac  ctaaagggtc  catnaaccgg  aagatagata     540
gggctgaccg  cgggtggcca  cgctgtaat  ccagcactt  tgggaggcca  aggcagggtg     600
atcatttgag  gtcagaagtt  tttgaccagc  cttggccaac  atgatgaacc  ccgtntttct     660
aaatttccaa  aaattagctg  ggcgtatggt  gggcacctgt  nttcccagtt  ctccgaggct     720
nangcaggan  aatgctgacc  cagggaacgga  cttgnt

```

<210> 4122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4122

```

ggtnnnnttt  gnaatcgana  gctacttggt  ctttttgcag  gatcccatcg  attcgaattc      60
ggcacgagga  aagctcatta  ccagtaggac  ataatttttg  gctctcccta  ttcacaacca     120
gtgcacagtt  tgacacagtg  gcctcagggt  cacagtgcac  catgtcactg  tgctatccta     180
cgaaatcatt  tgttttctaag  ttgtgtttat  tccctggagt  acatgccacc  ccgaatggct     240
cactttcact  gaggatgctg  tccctctgatt  tagctgctgc  ctccagcctc  tggcttgaga     300
acttactaaa  ggcacttct  tccctgttaa  cccctgttaa  ctctccataa  atttggtgat     360

```

tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cacttttctt	tctagtttct	tggatttttna	gcttaggctg	600
cattctaacc	tcatactgng	naanacccaaa	gggtggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggttaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4123

gnnttcaaat	cgatagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagggccgtt	gggcgagatg	aagctacact	gtgaggtgga	ggtgatcagc	cggcacttgc	120
ccgctttggg	gcttaggaac	cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc	180
agacttccag	gagtcagccg	ccggtccgag	ccttcctgct	catctccacc	ctgaaggaca	240
agcgcgggac	ccgctatgag	ctaagggaga	acattgagca	attcttcacc	aaattttag	300
atgaggggaa	agccactgtt	cggttaaagg	agcctcctgt	ggatatctgt	ctaagtaagg	360
attccatatg	gctctcatat	cattccattc	catctctgcc	aagatttggg	taccgcaaaa	420
atttgtgttt	gtggaagatt	ctgctgaact	ctttcattca	agggactact	tccattgaat	480
ttggattntg	tttgccccac	attgggggtc	ttantanana	atttgggggtg	gnnctgaag	540
cacctattaa	tctcttaatt	tctggttctc	ttangctggg	tatgttaaag	tcttccgata	600
tgttaaaagt	aatgggtgag	accagaaaaa	gaaatttcaa	ttaccagatc	antttggggg	660
gcattgtatg	attttgcacc	ntcaaaatgg	aattangggg	agaattctgg	ntcttgcttg	720
gaaagganga	tgtgtntagn	tncccattta	natgactcca	aattttntta		770

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4124

gntnnnnntt	tgtntncatn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	ggaacatcca	gtgcctgcag	gacgtggagc	gctgcctccg	ggacacgggt	120
gtgcagggcg	tcatgagcgc	agagggcaac	ctgcacaacc	ccgccctgtt	cgagggccgg	180
agccctgccc	tgtgggagct	ggccgaggag	tatctggaca	tctgctggga	gcacccctgc	240
cccctgtcct	acgtccgggc	ccacctcttc	aagctgtggc	accacacgct	gcagggtgcac	300
caggagctgc	gagaggagct	ggccaagggtg	aagaccctgg	agggcatcgc	tgctgtgagc	360
caggagctga	agctgcgggtg	tcaggaggag	atatccaggc	aggagggagc	gaaccaccgc	420
gcgacttgcc	cttactgga	tctgccaccc	tacattcggc	cggggcccaa	gganganaac	480
cagganaaag	cagtccccc	aaaagcgggc	cttgnaggaa	aaggangtg	cacggangtc	540
tgtcttanac	ccnttgcaaa	aggacaataa	tatttaaagt	gaaaaanana	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngnnntnnan	ntnnnnnnnt	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	707

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (673)
 <223> n = A,T,C or G

<400> 4125

gntnnnnnnnt	tttatatata	caggctactt	gttctttttt	caggatccca	tcgattcgtg	60
cttggttcgtt	tctgtgtact	tgcttagtgg	actgtagcaa	cacactcagc	ttctccagtg	120
tcaacccaca	ttggctttcc	cactctacag	tttctgtagg	atgcatgttt	tcaccattat	180
caggcttctg	cagtgtctcag	agggcagcaa	tacccagcaa	ccagtgaccc	gaggccagca	240
acttctttta	cttccccctc	agttggattt	gtaacagagt	atctttggtg	ggacacttct	300
gtgtgaagag	attttactag	caccctaaag	aatggatttc	tggcaagttc	cacaaggtag	360
acttccagta	agttctgctg	gtgcagcact	acagcaactt	ccgtgctatt	cagtgaaggg	420
actgtgttct	ctccaacaag	gtctggatct	cagccctggg	atggtttaag	gtcngangaa	480
gctnttgctt	tggggntctg	ngnnaanctn	agggacttng	gnactntnaa	nagtctctta	540
ttcnnatagt	naatanctgt	tctcacccat	gttaatagta	gngaccttta	taagttcatt	600
tcaatactgg	ggttcttcga	tgnttcttct	tattagacgt	gaaatgtgat	gtgattgtat	660
agnatgntac	ata					673

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (753)
 <223> n = A,T,C or G

<400> 4126

gntntnnnntt	tgtatannta	caggctactt	gttctttttt	caggatccca	tcgattcgcga	60
gcaatgtttt	gtggctttta	ttgtacaagc	ttttcacctc	cttgggttaag	ttagttctta	120
agtgtcttat	tctttttacgt	gctattataa	atggaattat	tttcataatt	tccttttcag	180
gttggttaatt	attagtgtac	agacatgcaa	ctgatttttg	cacattgact	ttgccagtga	240
catgaacctg	tatgtagaaa	accctaaaga	ttgcacaaaa	aaaatgggta	gcttgagacg	300
taaaccttag	gcaaagagaa	gtttgtgatt	tgtaagaaat	ttaaaattaa	taggattaaa	360
aagagagctg	tgggccttgt	tatgtatttg	ctttggaagc	cctctaagaa	aatttcaggt	420
caatttttta	ttctctgccc	tactggaatg	ccccagatt	atgtgacaat	gangtcttat	480
tttaatatgt	ncanaatttg	gtnanantgg	caatnnttgg	gttcnanatt	ttcccatttc	540
agaaaaattnt	ngctttttcn	ggatgatgtct	tatcctcttg	ngtgggtccc	aagtgaagccc	600
tgatcctttc	agatncattt	tatatactct	ggtgggtgatg	aatatttnat	ctctggcaaa	660
tactgnccat	gctaattccc	tggaggacct	nggatncaat	attattggaa	ttntaaatca	720
aggttaacct	aagtcaaaga	gtctnanctg	ccc			753

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4127

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nnntntnnnt tttntacata nangctactt gttctttttt caggatccca tggattcgaa      60
ttcggcacga ggcgagggcc tggcccccag ggcgccaca ccagaaggtc ggagaaaggc      120
ccaaggcgga tgccacgccc agcagtgggtg agggaccac agatttttga aacgacctgg      180
acacactatt ggggaaggaga tgtggacggc ctgtctcttc ctgcagggcc caccctaaga      240
atgtattttt aaacacatga aataagtatt tttcactgat aaaaaaaaaa aaaaaaaaaa      300
actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca      360
ttgatgagtt tggacaaacc acaactagaa tgcagtga aaatgcttt atttgtgaaa      420
tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca gttaacaaca      480
acaattgcat tcattttatg gtttnaagg taaaggggaag tttttggaaa ggtttttaaa      540
ttcnnggcn nggnccaat tgcnttgggc cgggttcccc aanttttngt tcccttttat      600
tgaagggtta attgcccccc ttgggcgtna atcatgggccc ataancctgg tttccctggg      660
gtgaaaattn gntattnccg ttnacaatt tcccacaca nntttncnaa ncccggaan      720
ccttaaaant gtnaaaacc tggggggtgg ccctaaatgg aattgaacct taacttnaca      780
tttaantggc ntttnnnnct tnaattggcc cctttttt      817

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<210> 4128

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (684)

<223> n = A,T,C or G

<400> 4128

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agnnnnnnnn nnttgaanac nnnagctact tggtcttttt gcaggatccc atcgattcga      60
attcggcacg aggataggct tagaaattat tttttatcag cattaagtgc ttcaatttct      120
ccccataaag attctaagga aatttcagtt cctcatatta tagttttccc cataatttaa      180
tattactaag tatttctctg cccagtaatg ttgatgcagt ttgcataaat agccttggaa      240
gtaaggaggc aggacagaaa gccaaatc gaaatctctg gccttgattt agtgacagtt      300
tattctaag gggaccatag gtgttattag taaaaagata gtgtacaagg cctaagttca      360
gtttacattg ttctttgaaa tgagttcatc ttttgtgttg aataattgta ttctaagtag      420
gagatgcctg tatttaacat aatcatgctt tctatataat caaatatgta tttgntggaa      480
tactggtaga aataccttcc ttcctcnttg ccanggaaaa aaaactcccg attatncngn      540
tataaatagg aatttgtaca tattacattt taaaatttaa atgcatatat ttgaaggatg      600
gatatagtct gagctatgct gcttaattca ctctgggacc gncaatgttt tatatggctg      660
ctatgctggt acgngctgat gnaa      684

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<210> 4129

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4129

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acganagcta cttgttcttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg      60
tntggtnacc tnetgntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg      120

```

```

ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc      180
ctttggagag cacaacgcat ggaaagggtca tnnannntnt ganttgccat ntcnntngcg      240
ngtcntccta cccaagtaaa agntaccttg gcnatnntac cnccgntttt ntcactcnch      300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn      360
nttggaccca tngncttgct gncacaccta tgaagnactg tttcacagcn ctttcacttc      420
ctacnaaggt accatgttat ttatcttgcc tngaaaattc tgaattntac ncttaaattt      480
taanntttnt tnaactntnaa ngcaaaaatt ttttgaactg aaaggctcnt aaaggcnttt      540
ngactcttca tttttcaaat tngggaaaac aatgctcaaa agagttnnt tnaacctngt      600
aaannaangg gaanaanaa ctggaatctt tcttgancct ntacnttaac ctcttntntt      660
cactggtnct tgcanttttt tctaagtna tttntnnggg attatttnat ttcaacccaa      720
cacttgancc ctttttanng ccaatgcact tgggttaaacc atgggggnaa aaatgcccc      779

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<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4130

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acganagcta cttgttcttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg      60
tntggtnacc tntgtntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg      120
ngngnnnnngc ggcacaccng gtatttganc atgcattatc tncacacact gtgcagcatc      180
ctttggagag cacaacgcat ggaaagggtca tnnannntnt ganttgccat ntcnntngcg      240
ngtcntccta cccaagtaaa agntaccttg gcnatnntac cnccgntttt ntcactcnch      300
aggacntatt acctnggggtg cntnnaacgt aatcnnttac tnnnnctcat tctnacnnnn      360
nttggaccca tngncttgct gncacaccta tgaagnactg tttcacagcn ctttcacttc      420
ctacnaaggt accatgttat ttatcttgcc tngaaaattc tgaattntac ncttaaattt      480
taanntttnt tnaactntnaa ngcaaaaatt ttttgaactg aaaggctcnt aaaggcnttt      540
ngactcttca tttttcaaat tngggaaaac aatgctcaaa agagttnnt tnaacctngt      600
aaannaangg gaanaanaa ctggaatctt tcttgancct ntacnttaac ctcttntntt      660
cactggtnct tgcanttttt tctaagtna tttntnnggg attatttnat ttcaacccaa      720
cacttgancc ctttttanng ccaatgcact tgggttaaacc atgggggnaa aaatgcccc      779

```

<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4131

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gnnnntttcn aaannttttt gaaanoccttc ttnncccttc aaanogcttn cgaattcggc      60
acgagcactt gtcaggggag aggggacagc aagggtgggag gttgaagagc tttgaggctc      120
agcagcatgt ttgtggcatt cgggtggacac catggccttg ggcggctgga cagggtttttg      180
tgatgtgagg gacacgcatg gggcacatgg taagcttggc aagggtcca ggaacgctga      240
cgaagggttt taggaccccc acccccatgc ctgtaccagg gctggcctnc agagcgggtg      300
aggacagagc agctgtgggc ttttcattct gaggtcttgg ccccccctgcc accgcaaggg      360
actctttgct tgtcagggct tgcaaaaacc aaccttcgag aaagaaaagg gaactcttca      420
cgttgaatgt tgactttgtg tgtatgcctg tgtgtgtgtg tgtgtgcacg cgcgcgtgtg      480

```

cgtgtttact	tcatggaatt	ttgttttgtg	aaattcccct	caatcgtgtc	agaatttacc	540
ttcatgcccc	atcacactgt	tggttctgcg	ctctgaacct	gggtgtagct	catttgaang	600
actctcttct	gcgtttccta	acagttatct	ggtggtctca	aaagttgang	ttgtggaagg	660
gttgggaaga	aactgaagtt	ctatccattt	ccatagaatt	tacatnctgc	attnnaaang	720
canggaaggc	ttaaccccg	cccaaaactt	ncaggcct			758

<210> 4132

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1335)

<223> n = A,T,C or G

<400> 4132

gccctttcta	antgctnaga	cccttgact	cctcatgaac	gtttggnaaa	tnccgcacga	60
ggaaacagac	aaatctgtaa	taacggccta	ancctntttc	tgngatnagn	ntcatttttg	120
cccantcnna	aaaaatgtgn	aatagnttat	tcaagncaan	cagctcattt	tccaacaatc	180
ctnngctcat	gtgatcccc	aatnccccaca	actttntgga	naacccnngg	gccncanatg	240
gttggtgaaa	aatgggggtt	tagatgggtt	cgnggaactt	gnagggtagt	aaaaagggnc	300
cannccaggc	tngaactggg	gattnggann	aaacnccaat	cgnaaaaccn	ntttttaaan	360
aacnccccct	ttaanaaggg	ggcacctgnt	ntttaacggc	taaganaaaa	tttggatttg	420
ccccctcan	gttncatnna	aacgggggatt	tggaaatttt	ggaacccccct	ggggggnann	480
attatcccat	ccacaaanng	gaaccctggg	ggcancnccc	aggggganct	ttgggaaaac	540
aagggggggc	ccttggcctt	ttaacggccg	ngcctntttt	tgggcantaa	ncnaggctng	600
ccctaanaan	ggggggcncc	ctttntntaa	cnccccanna	cctttncggc	gtttcncant	660
nccccntggn	gncttaaact	ctgggntgcc	cntgtctatn	ncnagacccc	tttttngccc	720
ntggggggnc	nantttaagn	cccccccnt	tgggaaaatn	tcccccaan	ngngnannng	780
ggngngcccn	aaattttnc	ncgnncnt	ttttgcnanc	ntntngggcc	natcccttat	840
ggntnaaacc	cttngnaagn	ntcaccaaat	tnggggtggg	cccccttcta	anggtaaaaa	900
caaaaaangg	nnngggnnnc	cntttgncan	cattnncttt	tcccaanacn	ctttggnggg	960
gnaaaaaacc	cctgtaanan	ncaagcnccn	gggnaanata	aagggtaaaa	atcncccnng	1020
ggnnccctta	aggnntttt	naaagggaac	nttaaanccc	cncccgnggg	ngnnaaattc	1080
cttgggcttt	taenccnt	ttnggccnca	acnntgggac	naaaggnttc	tnacnagggn	1140
aaatnggggg	ggcntnaacc	cgaacccccn	antnccnct	aagganagcg	ntaanttaan	1200
gggaancttc	ngccttgcaa	anaaagntnt	ttgnacaatn	ttngcncgaa	aannnggggn	1260
gaactnaaaa	ctgggaccaa	antccnccng	gncctanacn	ttananaaaa	gatgntaaac	1320
aatngcccc	cccc					1335

<210> 4133

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4133

ggtnnnnatt	taanntnagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggnnc	ctgcaagggc	tgggtgtggaa	acaagcannn	tngntgcntg	aagcaaaagt	120
nanacngngg	tgttnactgt	tgatgtgacc	ccacaaagtg	tnggaaccgc	catcaaggcn	180
nggntagctn	gggcactgt	ganccggacc	anaattncnn	nggntccttc	naactgnang	240

atcctaccna	ggtnaccenn	ggatngngct	tntntaatnc	nntttgtgcn	acccnaata	300
gcnnatcct	gaaaganatg	tgccatgtng	ancaggtgct	gtnaaagaag	actgcttcng	360
ctccctgncc	ttttgacctc	ccngagttga	aacatgtagc	aacacgnntn	ccatagaata	420
caaggtccca	gntgaagaaa	aagaaacggg	ntctgggtcag	naacaatcag	nttcctntnc	480
ttgggangatt	ccccntntnt	aatnaaaagc	cctnattna	nttttnnang	cnttnaatnt	540
tttacnccn	caatnttttg	tttgcntaan	atgctttttc	aagggttgan	aacccttta	600
anggggggtt	tttttnaaaa	tggactttct	tntgggattt	tnagggtttt	antttggctt	660
anttnaaaaa	aaaagntaac	caaaaaccgt	ttncctgnaa	aaagaanggt	nnacccttta	720
aatnggatnt	tgggcccttt	aancctttca	atgttccang	gnttacctna	cttttangtt	780
ntntcccaaa	aaaanggttn	ctaangntn	ccttatttgg	actnnaanaa	cccnaattga	840
acttttnn						848

<210> 4134

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4134

cntnnttggn	cnnnnnnnng	ggggnnttgc	antgcggnet	aatggctnng	gctactngtt	60
ctttncgcag	ganccancg	attcggaaaa	tataggcctt	tattgtcttt	aacattgaag	120
taactttgta	gttttattca	attatgagcc	agcagatcct	tagtttaggc	ccttatattg	180
cataccta	tagaactttc	cccaaagtgc	aactgcatga	ccttaatgta	ttggagcacg	240
tcttacaggt	ggacttaaaa	ctctagaatt	tcttgagtcg	ttgttatttt	ccactgaagg	300
tctttccact	gtacagcatt	tcaggcatca	tcactatgat	tcttttttct	tgactgttgc	360
ttgttttccc	actgctcttt	tccccaatgg	cgagctgggt	gtgccatctc	tggggctctc	420
ttataggaac	tcacagtcta	gcctactgta	ttttgttttc	ggagaagtga	aagtgaacac	480
tggtatttgc	catcatacct	ccatcaagaa	tttcacttca	ctaggaaata	tatgggcctt	540
tcattggaac	gatgattact	gtggctgatg	tgagtgttgg	gcttangatg	ctcacatgtg	600
gtagttggaa	gttttgta	ctaagatgga	aatgagtggg	ccatttaa	ggccatctaa	660
aggtcacagt	gactgcanaa	gaagtnagaa	gagagtataa	ttcttcagct	ccctggactt	720
ccatangaaa	gctngaaa	cttatacca	gattacccaa	aaaaaaaa		768

<210> 4135

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 4135

gnnnnnnnnt	tncgngtggg	cnnttaggtg	ggggnnttct	nttttactna	tagctngtgt	60
actcgttctt	tncgcaagat	cccancggtt	cgaattcggc	acgagggnaa	cctttcaatc	120
actttaacta	gtcnccttaag	gactctaggc	ccagaagcct	ggtttctggg	tgaatgtttt	180
tatacatcac	tcaacttccc	tcgtcctaaa	aggacaccta	attttgttac	tattgaaaat	240
ttttattttg	gtggccagaa	tacgaaatcg	ggagaggtaa	cccaaacagt	tgtcttagga	300
aaaggcagat	tctcagaggc	aatgggctat	caacaaaata	ggtgctaagc	acatttggtt	360
gtaatgatca	ttcatataat	ttanaagatt	tatggtaaca	gttttatattc	attatccata	420
cagttctatt	tttgcaaata	gaataaccac	ctataagcaa	acagtgttaa	tgagaaatat	480

atattgtntt	aagaaaatag	catataccac	atgaaaaaga	gtgttccctt	tctntttttt	540
tttttgccag	aatcaagt	tggaagnctt	gatcaaagta	aaactaccta	tttgaactgc	600
acanataaaa	ctgggggtgcc	caatccntat	tttacatttc	tnggggttga	ttcatataac	660
tttgtaanaa	aaaagttnac	tattnaaaaa	gtcnngtgng	ccttcacttt	tgacttggac	720
ttctattccc	ctttttgtcc	tgggattnct	ttttcctacn	cnattttctnn	aaatnttatg	780
aaangggcgt	ntntncnn					798

<210> 4136

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1105)

<223> n = A,T,C or G

<400> 4136

gaccccnttc	ntgattgggn	cnnaggtggg	gggttttccct	ttttactaaa	tngetngtgt	60
cntccntant	ctnctnanna	nnnagagcnn	agtcctcana	cagcncgnag	ccccantagc	120
tgggcctaca	ggcgcccgtc	nccacaccna	ctnttatggg	ggggngnggg	gnngggggaga	180
eggggnnttt	accatgtttg	cncccgng	gtgncncgt	ggtcannnct	gnngaccanc	240
tnntnccggn	canancncnc	cggnctcnnt	atcccnence	aggncncncg	nncncntnca	300
nnntgaann	ccncccccn	ctcnnancta	acnngnagcc	acngccaant	tcnnntntnn	360
cgtmncantt	tnactacact	tnntcnctc	centnttcca	ctctnnngnc	ncnnnnnnen	420
nggtctnant	ncntncttc	ttntatagac	gntcatcaen	nccacncca	annttnnctt	480
cancataatc	nentntance	tnancncnn	anntacggcc	tcnntctccc	neccctnttc	540
tcacncttan	ttctnctctc	ctctcgeecn	tnctnngecn	ncctcncctc	ccccctnaa	600
tnntctnctn	ntctctccct	ntcnnttttc	gntnancacn	catmncatcn	ccaccacctc	660
ancntatct	atnatcttan	cntcctctc	tcctcncctc	atcactgttc	nacnctnct	720
cacancannn	atctcctctc	acannttgct	atcatctana	tctctntctc	ntcntacca	780
nanctntac	aanntcttct	ccctctcnca	tctcncttca	ctctnncnac	nntnacnct	840
taccgcacgc	ctcncctctc	accttcactn	ccccactntt	cantntcgnc	ncgncctcnn	900
gacctctctt	cnncnattc	cannntctc	ctcctaccna	tnntcnattc	tcnntcatna	960
ctactntntc	ancaccana	ncctnctent	cataantccc	ctcgacnntn	ncncacctct	1020
actntgcgcc	cnncnnccac	tttctctctc	cnntangtca	cctaccaanc	anntnnatct	1080
mntattctan	tcnantacnt	tacct				1105

<210> 4137

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4137

nnntttntnt	tnntggngnn	gnnnagtnng	gggttttncct	ttttntaan	ngctgcgcta	60
cttgttcttt	ttgcaggcat	cccatncgat	tcgaattcgg	cacgaggaga	tccaagtggg	120
ttagaagggg	atgattgctg	gtgaagggtc	tgaacatggg	gacaggtggg	aggctgagca	180
cacactcgta	caccgctggc	aggaagagaa	atgacttttc	tggaactaaa	tttgagata	240
acacaaacat	taaaaagaag	aaaaaattgt	atcccttttt	gactaagcaa	ttctaggatt	300
gttatttttt	tctcctgagg	aaactagcat	ggatgttcac	attcaggtgt	ggggatgttt	360
atcaatttgc	tatttttagaa	aagagaaaaa	aagtttagca	tgtcacaaga	taattttcat	420

caatatatgg	tacatccatt	tagtgaaatg	ctgtacagcc	atttaaaaag	atacagaaga	480
ggccaggcac	ggtggcctta	cttggcta	taaaaaaaaa	aaatctgtag	agatggggta	540
tcaccacgtt	gccaggcctt	gtctcgaaag	cctgggctca	agtgatectc	ccacctcagc	600
ctaccaaagg	cctctagaac	tatagtga	cgtattacgt	agatccagac	atgataagat	660
acattgatga	gtttggacaa	accacaacta	gaatgcagtg	aaaaaaatgc	tttatttgtg	720
aaatttgtga	tgctatttgc	tttattttgt	aaccatttta	agctgnaatc	aaacaagttt	780
ncnn						784

<210> 4138

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4138

ctntntnggt	cctnnnnngnt	ggctttctaa	tgentaanne	tgntggctcn	gtntttttcg	60
caggacccat	cgattcgaat	tcggcacgag	gtggtaacct	ggcttttaggt	tttcattcgc	120
acggaacacc	ttttggcatg	cttaacttcc	tggtaacacc	ttcacctgca	ttggttttct	180
ttttcttttt	tctttctttt	ntttntntg	agttgttgnt	tgnttttaga	tccacagtac	240
atgagaatcc	ttttttgaca	agccttgga	agctgacact	gnetcttttt	cctnctctta	300
tacgaaggat	gtattttaaat	gaatgctgg	cantgggaca	tttngtcaac	tatgggtatt	360
gggtgcttaa	ctgnctaata	ttgccatgtg	aatgttgtat	acnattgtaa	ggcttatgtc	420
actaaagatt	tttattctga	ttntttcata	atcaaaggct	atatgatact	gtatagacaa	480
gctttgtann	gaagtntang	ancancnatt	tctgtacctg	atcaagttta	ttgcancctt	540
tcttttccna	ttncctttct	ttaagggtta	gtattancaa	atggcaatga	gtcnaaaagn	600
tancatgaag	attttnnaan	gagagaactt	accggacaca	gattngtgan	nccttgactg	660
gggacaccta	ttggatgtga	ttcttaaaaa	gcttttnatt	ggagccattt	ngccaaaatt	720
ttgnaaanct	ttcatagggg	gnattggacc	nttattatcc	natnaatncc	ccctcctata	780
ttnc						784

<210> 4139

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4139

tnngnnncnn	nnntggggnt	ttcaatnttt	cnaantgngt	ctngttcttt	nnccaggatc	60
ccatcgattc	gcaaaaagcca	ccttttgttc	gaaactccct	ggagcgacgc	agcgctcgga	120
tgaagcggcc	gtccccaccc	ccacagcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	180
tgatccgtac	ctcgctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	240
aattgaccca	ggagatctcg	gtgctgaagg	agctcaagga	gcagctggaa	caagccaaga	300
gccacnngga	gaaggagctg	ccacagtgg	tgngtgagga	ccagcgtttc	cgctgctgc	360
tgangatgct	ggagaagcgg	nagatggacc	gagcggagca	caagggtgag	cttcagacag	420
acaagatgat	ganggcagct	gccaaggatg	tgacacaggc	ccgangccat	agctgtnagg	480
aaccncaga	ngttcagttc	ttcangaaaa	gctncatgga	gcnaatcctt	ctgctgatg	540
aagtgcattc	cagcatcact	tcagctgtcg	gggcatttgt	ngggagaacc	agaccacctc	600
tgcggaangc	agcanacctt	tttcagacca	tggatngagt	ttgaattctt	ctataaacng	660

ntcaccatca	naccacccaa	ttcatttcca	ttgctttgcc	tatagaggaa	atttaninnaa	720
tcanattnaa	tgggtttcact	ttattttnaaa	ancnnnnnaac	tctaaaaaact	ntggncct	778

<210> 4140
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4140	
tggttntcctt gntgggggtgt tccttnttnc aattatgtgt tctcgatcnt gtngcaggag	60
nannccngcg ntggccggtg tgttgcccag actggnccttc acctcctggg ctcaagtgt	120
ntcctccct cagcctcccc aagtgtctggg attatagatg tgagccctg caccagacaa	180
ttatatattat tnttaaaaaac gccctcatg aagtctgggt aattctctcc agatttctcc	240
ttatcaacaa atttataaga gttaggaaaa aaatgatgta aataaagcac ttaaattgcg	300
acagtggntc tattcttaac atnataatgc ttatgactaa ggagcattct tntnnttata	360
aannaaatgt ntctgnact gttagantac atgagggtca gagacnttat nagtntgtaa	420
gaatgcnttg tggattntnc taannnatca cctacagtaa tgggctatgg ctaacaccct	480
ttnacaaaat ngaggnnac anatgaaatt ccagttanag atcataangg tgtctgcggt	540
gaccntagt nattncctnn cgattacngg cgcnaaatat aacgatganc tnnagctca	600
nnagntttgg annatttnng ctnaaatgct ctctggaca ctaccatact tagcatatnc	660
ctgggaaata ctaaccgaat aatatncctt taaaacaccc cggcctcaac agataagatc	720
tatgatctaa cgtttnatte ttttcacaca ttattattaa tn	762

<210> 4141
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (860)
 <223> n = A,T,C or G

<400> 4141	
tgggttnnng gnttggggtt ttcaantttt gctaanagct gggctactng ttctttncgc	60
aggancccat cgattcgctt ttctttgcag tatgaaggta gataattctt caagttaaag	120
atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagaggtgg	180
caaaggaaag aataaaaataa tattttcatt ttcttctgtt attcttagat cctttggtag	240
attgtaaact ccatgaaagc aggatacctt cttttgcctt aaggcttggc ccaaaagaga	300
taccaaaaaa atacttgctt atatactaac ctagtctctg ggtgtgggag ccatagaggg	360
ttcanggtgg ggtgggtggg aagggtgngg nnttncgtat atccgaaatg ttncctcatn	420
naangnatte nnagcaagtt tangaangan ttttgcnaa tgaaatngnc anagaacct	480
naanttncat anatgccnat gctnaaagc ngccttttga agctttatct taangntctc	540
acccttcata acnncctaac gnatnacntn tttccttanc tttggnattn natannnaac	600
atangctcnn cgtttattca anantccana acctnggngg gcnnnttatan ttncctcctt	660
ncnnaacct ttggaaantt naancctggg ncnttttnc atttctctc ttttttanca	720
natanatann ncnntcnntc ttentntana nntnnnctcn nnncnctnc cntncnntcn	780
ctttntntnn ncannntnct cntcntannn ntttncntnn acannctnnc tantnnntn	840
ngnntnctcc nttntntnc	860

<210> 4142

<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4142

nagngcnnntt	nnggtggggg	tttcnaattc	ncnctaaaac	tggggctact	cntnctntcc	60
gcancaancn	ngcngntcga	attcggcacg	agaagggaga	ggcagtagga	ctaggagtta	120
aattgtcatg	ccgaggtctc	tgagcatggg	tgggcctgtc	agaattgtca	tcgctcactc	180
tgttgacttc	cagcagctga	caggcaaggc	cctaggaagc	tcttcagcct	cctttccttg	240
ctagaggtgc	tgttttccct	ggaaatgttc	aagccctgca	aatcgtttct	atagtaacag	300
gtctctgtct	tttttcttat	gatgcagatt	tttgaaaagg	tttcttatct	aaatgttctt	360
gggatctatg	gtcttcctac	ctgtagctcc	tttgattaga	cagagccttt	atttaaagac	420
ttttccccc	aagaatgttg	ntggtgcttc	taccaaaata	ataaccantn	gntagtttta	480
ctagtgtctg	aagtnttagt	ttattaataa	agcttcatnt	naactatnaa	aaggantggg	540
tgngtacnaa	tagtaatacc	ngaaaaaact	aatattcact	gntnctctca	tgtattngnn	600
aactttaatt	nttnattatg	naaaaccttc	aaacataana	gtagtcaaaa	ttatataata	660
gacacctata	tacttaccac	ctanattgaa	aactaacatt	cttgccatat	tggcntacnc	720
tattccatac	tgatagtaaa	ncntagacca	tgtatttaca	nn		762

<210> 4143
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4143

attntacagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaaaagggtg	gccatgtgag	60
aaggactcag	caagactttg	ctggccttga	agatggaaga	atgtggccaa	aagcctaggg	120
atgaatatgg	cttctagaat	ctataataaa	caaggaaaca	ttattttcca	gagcctctag	180
aaggactgcg	ttttgctttt	gcctcggttt	tagcccagta	agaccatttt	tagacttctg	240
atctttggaa	ttgtaggtta	atgcatttat	attattttta	gccactaatt	tctggttaatt	300
tgttacagca	gccgtaggaa	attaacatgt	aggaaaataa	acgtttcaat	gccaggtat	360
actctgaggt	caagccagag	aagagttggg	cagagacttc	aaaaacgatg	aaggaggggt	420
taggaaggtc	ctagcatcag	tggaaatagaa	taaaattact	cttattaaga	ggggaacctn	480
accnttagng	ganaaatnct	gnaaatgggt	ctgagacaaa	atgcnttana	gcactgggtg	540
ctagaaaaat	caaacatagg	agatttagga	anatggangc	ttgcaatgaa	ttatgattgc	600
atcactatat	ttcanccctc	atccctgtct	tccagaaaaa	aaaaaaatng	gggatttnaa	660
aggtttattg	gtnccttaang	gccagcccnt	ttgaaaaanc	cattggtttt	tggnaaagga	720
aaaagggcca	atttaaaaang	ggacctgtnt	tngtaccagg	ctttgttgna	tttgggaaaa	780
aaa						783

<210> 4144
 <211> 1063
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1063)
 <223> n = A,T,C or G

<400> 4144
 nccccntnnn naagggggggg tgggggggtct caactngcta ggggtgtgna cnnnaactn 60
 gccnaaaaga aggntggggc natccngcac gagntgacgg ngcgggntcg ggntttgntg 120
 nttggnanaa nccttcenat atctccagtg cggganncac tatctggtat ctctattgac 180
 ctacgggang ctttccnag tcantcgeta cncactgna ctangngana ccacgcnaen 240
 ntacncttan atnctcnng cacatctgaa ntcacnngga ngnttagtnc gcagcgncg 300
 nntccacann ccngatcac ggcctctent nncnaananc atannctcac ttgntgttnc 360
 nccgnntann ttangttngn ccnaaaca aa ncttaennn ttntcagnan nactccacct 420
 cttccnccga aactnnnnn acngnncatn nnancnngct tcnnngcnnct ncnnnnnngc 480
 ngnnccannt nntnaatngc cntcnctca acacgccccaa accttacnta tatnctttn 540
 accacncttn ncnanccct ctaccncccg anctctcgtt nccccatnt cnanttctnc 600
 tctcncaen cncctctc ncennctca tccccctent naatngncc tncatcnac 660
 nacnttgnat gaentcttct cnccttacc naccnctct ccaactnct ctggcaaaaan 720
 nntcctcn cn tcatatact antnnntatc tncctntgn acnntcttnc ngncgcaaaa 780
 ntcanctcct acacnnnaca cntnnctc ncgctngcac ctatctactc aactnctatg 840
 cactcatcgn mnncaanac tncctcnca aactctntnc nactncnca nannccccca 900
 cnnanacana ngcgnaana caccnncaca nanggcgata cncctatnac nctcngancn 960
 nanatcnccn ctctacnnc nancatncac gtntctcct atcatcngcg ntcncnaac 1020
 tcagcagttt annacnccat actnnctnca ngggctcaan tat 1063

<210> 4145
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(996)
 <223> n = A,T,C or G

<400> 4145
 gcncctttgna annttttct aatgctggtt ttgctacgga aacccttggc aaatccggca 60
 cgagcttct gtgccagggg accgtggaga aagtgtcagg ggccgctcac tgcagcantt 120
 ttgctctgct gcctnccng gcagcgtnt gngggtngt caccaaaana gctgggtgtn 180
 cngggcgggt gcttgnatc ccanatactg nanganctg aagctgcatt atcgcttnaa 240
 ccnggggggn acgangangc canggagnca aaatgggggc tnttaganca aaactttgtn 300
 tcanaaaaan aatgaataat nanacaagaa aatggganaa gcccacaataa cttacnnngt 360
 ntctcntggc cnaangcaaa aactccactt gnaaagccan ganaaaacgg ggnaananca 420
 aaacaaanct atcacntgga ccnnnaaaca naaanccaaa ggattnnct tccccnaaat 480
 tggantnaag attcaatgga catggnacnn aaaaatncag nggtaccgga actccngana 540
 ngcnntacag gttgcnaaaa aangaaccn naaaanncg ggagngnttn attaaagggg 600
 ggnatttncg cncantttta agggaaagg ccaccaagn attnagncac aacacnntgt 660
 tgacgggaan tccattntnn gcgaganaaa nggntgntac atccccatt ntanaaaaang 720
 gcctnnaaaa aanatnttt nnaaccnca naaatcnttt ancactagg gatttcnaaa 780
 aantagcnn nnnnaatatn gggggaaaaa aaaancgat nnaganatca tacnngaaa 840
 aaccnngggg tnatngana ancacnttt nnaagntann ggggcatngc ancncaaagg 900
 gngcantaaa nanatagncn ganagnacat tanaaccct tgggtganaaa aaccaccaagn 960
 angncccaaa anaggattgg ctnnaaaaaa aaaang 996

<210> 4146
 <211> 783
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4146

ttnaagctna gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagct	60
aagccccaaa acgaacttca aactgggtgt ggtggcacgt gccttttagtc ccagctaccc	120
gggaggctgc ggcaagagga ttgcttgagc ccaggagttc gagtccaacc tgggcaaaag	180
agtgagaccc catctctaaa accaaaaagg taccttagaa ggtcacctgg ttggctaacc	240
ttttaaaggc aggggcgtga cacgtaggac acattgggaa tgtcttggct actacatgta	300
gccttctggg atatatgtgc ccagagggag aagcactgag cctgaagaaa ctagatgagt	360
ctcagaacca cagaccggcc agaaatctct cccaccatta tatcagcgtg atacaggtct	420
acattcattt ctacaaacag gaacaagtgc cttgcagcaa taatttantt tattaacttg	480
gnttttttaa ttnacccttc cttttgaggt taantttcat cacattatgt tcaaanattc	540
ccatatnttc cgtaaaatta ccagcttaat tacangggca tttgttccca ttgggttant	600
tnaaaaatca ggangtttat ttaaaaaatn cctgagttct ttaagggtt ggctttaacc	660
ttttcaantt tccacctggn ccttgtnaaa aaccagttca agcttggaac accaaagtgc	720
tttnatttgg ngggtcantt tcttgncaac ttttttgagc tttgannccc ttggacanna	780
ctt	783

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4147

ggntnttnaa acnnagctc tngttctttt tgcaggatcc catcgattcg cccggaagca	60
tccaggatgt gggaacattg tgacatttgc acaattttta tttattgctg tggaaggctt	120
cctctttgaa gctgatttgg gaaggaagcc accagctatc ccaataaggg ttctctaatt	180
gccaacatga ttctaggaat tatcattttg aagaaaagat acagtatatt caaatatacc	240
tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc aaagcagggtg	300
acttccagct ccagcttgag tgagaatgat ggattccagg catttgtgtg gtgggttacta	360
ggtattgggg cattgacttt tgctcttctg atgtcagcaa ggatggggat attccaagag	420
actctctaca aacgatttgg gaaacactcc aaggaggctt ttgggtttata aatcacnccc	480
tttccaattt tccgggtttc gcntnnttgg gnttncggaa tttnttnac ccatgccant	540
tcttattcaa ataaagtcct gaagttattt tgnaaattcc ccgntcatc ggggaaatgg	600
accccttgcc ccaatcaatn gtggggnttc ttaaccttc cttnattgga aaccattnat	660
tcnacctcaa aacccccctt tnaaccnctt gnggccaact tggcttgggc accttggttt	720
gggctttcaa ttgggggaacc tttaatgggt ccaccnnaag gtgttgggaa caaccctagg	780
ggacccccca aaaaagtgga gccctcanaa nggacancca tnaat	825

<210> 4148

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 4148

tttnaaancg	ttagctctng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
acaccctgga	ctcctgcagg	ggaggacaca	cggaggtgga	caactgcaga	tacacttact	120
cggagtggca	cagttttact	cagccccgtc	ttggtgaagt	gagtttttct	aagtggccta	180
caaactctatt	ttaattttct	ttaaacttta	taaataacta	actggattct	gactataatt	240
ttcaattaat	tatgaatcta	ctaattctac	taattgaaag	ctattatfff	tcctcaattt	300
taatttagtt	atgttcagat	ttaagtgggt	atttacttcc	cctcctatff	ttttaattga	360
aagaattact	aaataatgtg	tgatgagatt	taaattactg	tctcatggct	ttgtgctaatt	420
atttcccatc	tgacaacttg	taccttagaa	acaaaaaatg	tggtaccagc	aanaccagc	480
attgtntttt	tacttttgnt	nnntntnggg	aaanaaaactt	gacccccatt	tttaatttgg	540
ccttcaantt	taaatgggg	tgcnatgntn	actttttcag	cttaaaaantt	tttgaaaaagg	600
naaaagtant	ggactttttt	tanaaaatgga	acaccctggt	attacttgct	ggccacatgc	660
cgtggacttt	ttannaaaca	tgcttntact	ggaaatftat	antgggtgaat	ggtttgaaac	720
cggacccant	cttgtgcatt	ttttatgggt	ttgggaatnc	cntttgangg	ncacactttt	780
gttaaaaatn	aa					792

<210> 4149

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 4149

tnnntttcaa	atncnaggct	actngttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagngnag	ctcancnnat	gtatnttgnc	acttggggagc	atcatctttt	caagggccac	120
tttgaggtga	aatggntntt	ttacatactn	agcatcaatt	tggnccataa	atcaggagac	180
attcaccctt	ctccaccoca	atttccaaca	tccctctctt	tgnagagaga	gcactntnga	240
anccactgag	cccnatagcc	ctagggccta	naccactatt	ncaaaangga	agacttttctn	300
atnactatga	canacacca	nnctggantc	ctctgcctgn	actnaaagct	ctaaccocaa	360
cctntttttc	cagtgcacac	ccttntactc	actaaaaatt	tctntccact	caaactagcc	420
tggatgccct	tcctgaacg	gggcttgtgt	nttccatta	gctcaacttt	gcttacatgc	480
ccaggttnaa	aacccenttt	cnnccaggcca	gacaaantgc	ntnantnttt	tcnnacacgt	540
aaaatgaaag	gctcttgng	tnctnnaaaa	ggcctcttan	aaactattgn	ggagtctnttt	600
ttncctgttg	aatccanact	tggattanga	ttccattgga	tgaaatfttg	gnacaaaacc	660
ncnaacttnn	naatgccnnt	ngaaaaaaa	atggctttta	tttggggaaa	atttggggaa	720
ngcttnttgg	ctttaatttn	gnaacctttt	ttaagctgcn	attnaacaan	ttaaccaanc	780
accantggca	ttctnttttg	nn				802

<210> 4150

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 4150


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ttntttcaaa tgcctaggct actcgttctt tttgcaggat cccatcgatt cggaaccttt      60
gaatagtggg tgtacataca gtttttcaga gctgggtgtt aataacaata tttttcattc      120
taatattaca ttattctttt tatcatttag gtctttatcc gtcagtgttt ttagagaact      180
actgcacttg accacaaact gataaatact tgggtactgcc ccatctcact gttctgttta      240
ctttgtctta aatatctctt tttttttccc caggcagcta gtacaccact gaatccttta      300
agctttcagt gtgaatttgt aaaactcagg attgaccttt tacaagcctt ctctcaactt      360
atctgtactt gtaatagcct gaagacaagc ccaccacctg caattgccac aacaattgcc      420
atgaccttag gaaatgacct ccagaggtgt ggtccgcac tccaatcagg catgtcttaa      480
ctttnagtgc attttttatt tanccctttt aaaggntttt caaattttan natgaaaagt      540
ttgnaaaatt tnaaaatcag ngggtttgaa ctcanaacat ttttcataaa atgtttaatt      600
cactcaactn gnctnggctt aaaaaaatag gctggatggn gttattanga aaagataaag      660
tggtttcatg gtaatctcaa tggggggcta ccataattta ttttaaagag aaanggneng      720
atttttttaa aaaccttgga naangtttat aacttaaatt ntttnatngg aacttgaaaa      780
ccctaaan

```

<210> 4151

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4151

```

tggnnccnna agccctttgc naactnntct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggagt tcaactgcaa catccgggca ccttcaaagc agatgggtctg gtgcagccgt      120
cctcgtagca aggagagggc cgtgggtggg gcttgggaaa ggcggctgat ggtgggtggg      180
gatgcacccg agagcatcca gtttgtgctg gatgaggact cctacctggt gcctgagctc      240
gatgggggtcc gcatcttctc ccgcagcacc cacgagttcc tgcagtagggt tccagcggcc      300
agcgaggaaa tcttcaaaat tgcttcaatg gcccccgggg cgctgctcct ggaggctcag      360
aaggagtatg agaaagagag ccagaaggcg gacgagtacc tgcggggagat ccaggagctg      420
ggccagctga cccaggccgt gcagcantgc attgaggctn caagacatna nccccaacn      480
gactncccaa aaaattntgn tcanggcccg cttcttttgg aaagggtttc ctggacagat      540
ttccaccgga aaagcttctt gcacattgtg tcaaggacct gcgtgtgctc aatgctgttc      600
gggactntca cattngggat cccgttacct attgccaatn taacaggtta ccttcaagtg      660
ctgctggaaa gctctgttgc ggaaatttac ccttggcatc caatttcaa tntcgcnctt      720
ctaatacaggc ttacnggact ggccct

```

<210> 4152

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4152

```

gnnttttnan natacagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggcaaagt tccattttgt tgatctcgca ggatctgaaa gactgaagcg tactggagct      120
acaggcgaga gggcaaaaga aggcatttct atcaactgtg gacttttggc acttggcaat      180
gtaataagtg ccttggggaga caagagcaag agggccacac atgtccccta tagagattcc      240
aagctaacaa gactactaca ggattccctc gggggtaata gccaaacaat catgatagca      300

```

```

tgtgtcagcc cttcagacag agactttatg gaaacgttaa acaccctgaa atacgccaat      360
cgagctagaa atatcaagaa taaggatgat gtcaatcagg acagagctag tcagcaaadc      420
aatgcacttc gtagtgaaat cacacgactt cagatggagc tcatggagta caaaacangg      480
taaagnatta nttgccaaaa aggtgtggaa agcntcattg acatgttcat ganaatgcta      540
tgctacagac tgaaaataat aacctgcgtg taaaattaaa gcctgcaaga nacngttgat      600
gcattgaggt ccagaattac acacttggtt gtgatcaggc caccatgttc ttgccaaaca      660
ggtgaaggaa tgaggagatt agtaattgat catagttttt aaagaatcga aatctaggca      720
aatttngaag tgaaccngat ta                                              742

```

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 4153

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gnnnntttnan natakagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggcaaagt tccattttgt tgatctcgca ggatctgaaa gactgaagcg tactggagct      120
acaggcgaga gggcaaaaaga aggcatttct atcaactgtg gacttttggc acttggcaat      180
gtaataagtg ccttgggaga caagagcaag agggccacac atgtccccta tagagattcc      240
aagctaacaa gactactaca ggattccctc gggggtaata gccaaacaat catgatagca      300
tgtgtcagcc cttcagacag agactttatg gaaacgttaa acaccctgaa atacgccaat      360
cgagctagaa atatcaagaa taaggatgat gtcaatcagg acagagctag tcagcaaadc      420
aatgcacttc gtagtgaaat cacacgactt cagatggagc tcatggagta caaaacangg      480
taaagnatta nttgccaaaa aggtgtggaa agcntcattg acatgttcat ganaatgcta      540
tgctacagac tgaaaataat aacctgcgtg taaaattaaa gcctgcaaga nacngttgat      600
gcattgaggt ccagaattac acacttggtt gtgatcaggc caccatgttc ttgccaaaca      660
ggtgaaggaa tgaggagatt agtaattgat catagttttt aaagaatcga aatctaggca      720
aatttngaag tgaaccngat ta                                              742

```

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4154

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gnnnntttnag ntacagctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggcaaagt ccattttgtt gatctcgag gatctgaaag actgaagcg actggagcta      120
caggcgagag ggcaaaaaga ggcatttcta tcaactgtgg acttttggca cttggcaatg      180
taataagtgc cttgggagac aagagcaaga gggccacaca tgtcccctat agagattcca      240
agctaacaag actactacag gattccctcg ggggtaatag ccaaacaatc atgatagcat      300
gtgtcagccc ttcagacaga gactttatgg aaacgttaaa caccctgaaa tacgccaatc      360
gagctagaaa tatcaagaat aaggatgatg tcaatcagga cagagctagt cagcaaatac      420
atgcacttcg tagtgaaatc acacgacttc agatggagct catggagtnc caaacagggt      480
aaagaattan ttncnnaaaa ggggtttgga aagcttcatt gacatgttca tganaatgct      540
atgctacaga ctgaaaataa tacctgcgtg taagaattaa agccatgcaa ganacgggtg      600
atgcattgag gtccagaatt ncacacttgt tagtgatcag gccaccatgt tcttgccana      660

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cangtgaagg aaatgaggag attagtaata tgatcatagt ntttttaaaga aatcgaagat 720
ctcanggcaa attttttagaa gtgaaccatg atga 754

<210> 4155

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4155

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gaactnnccn aaanaaaan ggggggtcgaa ttcggcacga gatttgattt aaaaaaggag 120
aaatgttcac actcagtcta gaccacttag gtatgcagag ttgcatcctg aaagcaattg 180
ctcacacttt ccttaatata ctccctntcc acctttgcaa aaccttgatt ggcattggagc 240
ctcnactgct tgcattgtat acacatgtaa taagaaagca ttaaatctct tggaaattag 300
gaattgacaa gataaataga taaggcataa agccaatttt tcacacatgt ccttaggctc 360
ttgtaaatgt gtgcctgggtg ctgctttgac ttncagggtc cgaggaggctt tctctttctc 420
tcttntccca angtgagggt ggcaagctat cagnctctcc agagcaaaga gaaatggcag 480
gagaattgac tgcgtgaacc ccacagggcc ggtagtggaa aaataaatgt ctaattgaa 540
agggtcacac tngtgtanat ggtgactgtc ntgcttgcan cagctgagga caccgactgn 600
gtgtagcgag tgtcctgctt ttcattgttca catctggctn aataaagaan tcacgaagca 660
nacctngcct tggctnaaac cctntgngct ggacacaaat gactttgatt ncaaactcaa 720
gtccttggnna ntgtcacaaa ggacnaacc cttggctggga caaaanccta cna 773

<210> 4156

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4156

gnnnnntttnn nnnntttnnn nnnngttntt gaccanaggt aanacnnngg gaattnctct 60
ttctgcagga tccntcgat tcgaattcgg cagcaggcag aaacaatagt caggagtttg 120
agattnggct gattaacatg gtgaaacccc gtctctacta aaaatacaaa aattagctgg 180
gtgtgggtggc ggggtgcttg aatcccagtt actcaggagg ctgaggctgc attatcgctt 240
taacctgggg ggcggagggt gcagtggagg aagatggggg caataagagc aaaactttgt 300
ctcaaaaaaa aataaataaa taaaaataa aatatgtcaa gccccttctc ttctgtctc 360
ctctcgtggt gtgtacttga ctcccttctc cgccagatct cacaggactt tcagatttaa 420
gcaatacctg gccaaagaaac aaaagcaaaa tcattccatt ccccgagtgg attcagatca 480
aaactggtaa taaatcagg tcgactccaa agggagacat tggagaagaa cgaagcgggg 540
tctataagga attgcacgtg agatggcaca catatttatg ctgtgtgagc attacaatcg 600
cgttaccata tcaagctgaa aatgtcacca ctatctggag tgttggaaat gtttattggg 660
aatatgtntt ttctctgaat ctgctatgaa cagctnaatt ggggtgggttc aataataaat 720
atgtgagact tttcatttca aaataaaaaa ggcaaatgat gtaaaaaaaa aat 773

<210> 4157

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4157

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cnaanttttc taatgctgnt tctatncngn atnctnggct anccnacnac nnnggatncn      60
aattggcacg aggettcatg agagactgac ngctatnacg ggctcgtggca cttaangagg      120
actnttctg g cccagngtg tgctgatgac acatacacac ctgacaatag ctngngtntn      180
ctctgnncc ttnnctctgt naccancatn cacnngatct aaaacccttt ctnaatatct      240
atcntggntc atccttggcc atgcagngtc agagctntat gnacttnatt acncttnncc      300
ttngaacttn tnnnagnta cngataangn gctatctttc agctggatga tnaacgnttt      360
nntctgtacg nacatggacg atgnnttctt caaacctcta naactataga ccagtcactg      420
ntacntntan ccagacatga ttnnatacat cnatgagtna gnacaaacca caactanaat      480
gctgtgaaaa aaatgctgna tntgatnaaa tatgaaatgc tatcgctata ttncttccnn      540
catangcngc ngtnntcatt tagcaacaac aattgcatcc attaaaaatnt ttttaaggna      600
cantttggan ngtcccccaa tnttgngaa atncnanggc cccaaaatgc cangtgcctnt      660
tananacccc ggggacccca accttttnga aaagcgttnc acaanaaggg gtnaaagttn      720
nanngcctt ggccnnnaaa anaaacnggg naataacctn ggtaaccct gnnntttnaa      780
actngggnt ttnnnnttn aaaaaaaaaa                                     809

```

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

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ctaanagttt cntaatgctt ncttctaata ncntaattac tcaggnggct cnannnaaca      60
ggcgntgngg nenctcaccg actcctccct ggtncacang cttntgnggg gccaccaagc      120
ccctnctgng cccctccca tccatantgc atggcgngtg gngccccnt ggctccaaga      180
cagatcangc ccnancctgc ntctaccnnn atncnctg anaacgtgcc actgaatnaa      240
ntntgggaaa ccagaaaaga tatacattaa tttaagaatc atttactatt taaatgagac      300
aatcaatatt attnnagaan cannnatccc aaatgagaca atcatnntta anttncaaga      360
tancagaagt gaccaatgtc atttnacaac acctanaaga tnnactggtn nntcaggtaa      420
angtagantt ttactganaa nctgnatgn atttgacttg tgcttttgta ncnntnntnt      480
nccttacttn tttngntttc catancctan taannatgca ttactttnac tggatataag      540
nnnnatcctt naaaagggtc tttctnttag ctntacaggt nnacaatnat nntggngctc      600
ttgacncatt tgnnacttan ntnccttann gcttttnagt ataantttcn aaancnnggc      660
cnttttagctt ttnctnagg ncanttnacc ccttnttaa aaaaangnnt anttncngcc      720
nnaaatttgg ncntgaatct ttctccannn tcggcttttc cantattttt ataaagcctnt      780
gganagggnc ncaantggg tttggngctta anttcntat atacttanct cncg          834

```

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (814)

<223> n = A,T,C or G

<400> 4159

```

nnnccttttg aacctcacng aaanccttcc ttctaatnct ggcacgottg ganatcgaac      60
tnnctcnaaa nanatnggtt tgnggcctgg ggccttctta gcctgagctg gtgacctggg      120
catctgcacc ctaacccag ctgaccgagt cagatctttg tccagtgttc tgaagatcaa      180
atgccgtgcc cttttgcaat ataaccaccag ctgcttttag tccacagcct ctgacatgcg      240
atgtgaagac acgttttatg gagcagacat tatccaaggg gagagaaaga gacaaagagt      300
gctgagctcc aggtttaaga atgaatatgt ggccgacctt gtataccgca cttttttgaa      360
gagctctttc canaagaagt gccanaagag acagtagtct gcatacatcg ctgcaggcca      420
cagagcactt gggttggaag agagaagatg aaagggacat ccttggggct gtgcccgtga      480
gttttgctgg cataggtgac aggggtgtgtc tcttgacagt ggtaaatcgg gttttcagag      540
tttggtcacc aaaaatccaa aatacccca atgaaattgg acgcagcaat cttgaaatca      600
tctctaagct ttgctttcac tttgtgaacn agttgnctt ctattgatcc caaaagaaag      660
ttttctaagt taaaaggaaa ttcctangtg aatcaacccc acnagggaaa aaccacttg      720
ccacaataag gaaggccggg tcccccttg gtgccnggtt taangggccc cntgtaangg      780
naaacacnac cggggnacct tttttttttn taat                                     814

```

<210> 4160

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (775)

<223> n = A,T,C or G

<400> 4160

```

tnnnnttttg aaanntttcc taatgcantn gngaaacttc tnaaacnttg gcaatngctc      60
tttctgcagg cageccagcg atncgaattc ggcacgaggt tagagtaagt aaagatatng      120
ttaagaaaag tacttaaate caagaaagag agtcaacaaa tatttatacc attctctcat      180
taagtgcacac tggttccata aatttaaaga cagcggttca cccatatcta tggntntgca      240
ttccatggnt tcagttacca cagtcagcct ctgtctgaaa atattacatg gaaaattcca      300
gaaataaaca attcataagt tttaagttgc atgccgttct gagtagcttg atgaaatctt      360
acaccatccc cctccatcca ggctagtaca tgactcatcc cctngtccag catatccaac      420
actgnctatg ctaccgccc attagtcact tagtagccaa ctcggttatc agatcgactg      480
tcatggnatc atagtgcctg ngttcaggta acctttatct tacttaatag tgaccccaaa      540
tgcaagaatg acataatggt ataacnggnc tattnnatca ttaggnaatg gnantagnct      600
cttactgggc ctaaattata aattaaatcn atcatgggca tatatttaga ggaaaaaacc      660
atgggggacg taggggtngg nccnatnngg ggggtcaaan atccactggg aagnctnaaa      720
aacatanggn ccngaggaaa aggaangagn cccggaaacc ttnaatttnn cttaa          775

```

<210> 4161

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (817)

<223> n = A,T,C or G

<400> 4161

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gtnnnctttc taatggcttg gctactogcc ttctaatntt ctaatncttg genactcggt      60

```

```

ctttctncaan gnaccnntcg ttncgaattc ggcacgaggg aagggaggtt taaggaagag      120
actgtggaca gaggtgttag ggaaggtgtc agagaaggtt aaggagccaa catggatcat      180
gggggtggta cagtgttgcc agggctgggg aggattggct gcagtgtggg gtaccagacc      240
gctgccatgt ggagagggac ctgtcactcc tgctgtgaac tctcccttct tctgccctct      300
gacctcctgc tggtgccctcc cattggctaa acacagttga tggccagtgc actggggagc      360
tggtcttgga gccacaggc atctgcttct tggcacagag cagacaatgg attgagtcn      420
ggaggggaagg gaactagaga ataccgaagt cccaacccca ngcgtttgct gaatgtgtct      480
aatcttcctt ttctacaaac ccattctgacc tctnccccctc ctctccacgc caagctaggt      540
cccaattctt cctcaagctc cactccttcc accctgtaat cttttntatc accctnccct      600
cctnaacacc ttgggtcccg ctttacaagn ttccnttccc gngacttagc cttttcccn      660
acctttgccc aancaaat ttttcttcta aaaaaaggtg gcttgggaanc ctaaaagaca      720
ttantccaan gggttaaaggc ctcccttttt ccttttatcc ccaaatacaa aaccctttta      780
aggctctttt ttcattcaaa attttaaaaa ccccnct      817

```

<210> 4162

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 4162

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ttttccnaa annngcntng gctacnctc tttcaaaatn ttcanatccc ttggcaactc      60
gccncnnnac gcacaagaan tntgngttgg cgttcttgag gagctnagcc ttcgctcctn      120
aggatcacag gcttncatgt tgaagctggc agtgctagag gctannncct atctgngtga      180
cagcatttna natntancag gaccgacttt gangttncca aatatntata ggcannctgt      240
aaatcatnac accgtntgcn atancctctc tcannctctg tctnncctct ntaactgnag      300
caaaagttct ttctcangca acaacnttct tntatcctn agnagnctat actgtgttcc      360
tnnncatgtt cggcgaaacgc tattacgnct gactncaenc acncacntga catngaccn      420
tatncaaac nngntangga aaagctanat gtctgnangn tgctnnngc ttgangantg      480
ctaanagcnc ttanagancat ccattancct tctnmanget tgangtttta nggctnatan      540
nncnttgga nttangtatt ctgggnatga cctnncatng cttntnanac tattnaatcc      600
agacctgan cnntannccct ggaangtncc ncanccnaan nantatcctt ggggaacngg      660
nggtactgna ctntngatca anccnaanan ntggnantga nccanttggn aaattgaatc      720
cntaatctc cctgggcaa cnnanngng gcttgettna aananntgga accnnannat      780
gcccgtcaa ncttccctaa ttancctngg tanaactgna ctggcanntc tnnatanggc      840
naattccana agnnntgant nttattcacc c      871

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<210> 4163

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 4163

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tttctaaatg gcttgggnnn cnncttgac caccgaaaac gnttggcaac ttncctctttc      60
tgcangancc catcgattcg aattcggcac gagataattt ttttagtttg ttttgagac      120
tncctgttca cccaggtga gtacagtggc atgatcatgg ctacagcag cctctcaacc      180
tccctgggct caggtgatcc tcccacctca gcctcctgag tagctggtag cacaggtgtg      240

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tacctgggta	atTTTTTggt	gtttcttata	gaggcaggat	ctccttatgt	tacccacacc	300
gggtctcaa	ac ttctggactt	taggaatcct	cctgccccgg	cctctcaaag	ggctggacag	360
gtgtgagcca	ccaggcctgg	ccccaaagctt	gtacagcagc	atctgcccc	ttatacctct	420
ggcactcagg	cagtgatgcc	tcttggccct	ctggcaaaag	gagcacactt	ccgttagttt	480
tgtatttgta	tggactttta	tacctatgac	gtttctgggt	ctgntaatct	tgTTTTTccg	540
actgattgaa	actttcatct	ctgggtatcaa	ttggggnggt	ttcttagaaa	aaagcttggtg	600
gtgaaagggg	ggcaaaaaaa	aagaaaccaa	ngttctgaaa	gttcacctct	ttgaattgca	660
accacacctt	ggtanaaaaga	atgggaatca	atnggaatgc	cttggccnaa	TTTTTgnanc	720
cnntTTTTTt	ggcaaagnaa	aangggatcc	aaaaagtgg	aaccgggaaa	aaanccttgg	780
ggnaaacctt	ttgggtnggg	aaanggggtt	gggtngnacc	caattccna		829

<210> 4164

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4164

tcnccctttc	caaaaagcnt	tgggnnnnccgn	ncnttctaac	tttccnaata	cntgggcaac	60
tcgctctttc	tncangcagc	nnntcggttg	cgaattcggc	acgagacttt	caacatttca	120
tggatagaat	aagtaatgg	gggttagaag	aaggaaaacc	tgttgatcta	gttcttagct	180
gtgtggacaa	ttttgaagct	cgaatgacaa	taaatacagc	ttgtaatgaa	cttggacaaa	240
catggatgga	atctgggggtc	agtgaaaatg	cagtttcagg	gcataatacag	cttataattc	300
ctggagaatc	tgcttggttt	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg	360
aaaagactct	gaaacgagaa	ggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg	420
ttgctgggat	cttagtacaa	aacgtgttaa	agtttctgtt	aaattttgg	actgntagtt	480
tttaccttgg	atacaatgca	atgcaggatt	tttttcctac	tatgtccatg	aagccaaatc	540
ctcaatgtga	tgacagaaat	tgcagggaagc	agcaggagga	atataagaaa	aaggtagcag	600
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga	660
aatgggggat	tgaanctggg	atctgaggtt	caagaagaag	gactggaaaa	aatTTTTTcaa	720
ggcccgagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaatttccaa	780
aaaaagcang	aagaatt					797

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4165

tnncttttcta	atgttttnna	atgctgggtac	ccttttcaaan	cncttngcgc	cagaatgggt	60
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaac	aatgtgaagc	120
caagggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctocaaaacc	acgtcatctg	180
attgtaagca	caatatgagt	tgtgccccaa	tgctcggttaa	cagctgctgt	aactagtctg	240
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaacc	ctagaaaacg	300
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tgggctctct	gacccctgcg	360
ctagactgtg	gaaaggaggt	attattatag	tatacaacac	tgctgttgcc	ttattagtta	420
taacatgata	ggtgctgaat	tgtgattcac	aatttaaaaa	cactgtaatc	caaacttttt	480

ttttaactgt	agatcatgca	tgtgattgta	aatgtaaatt	tgtacaatgt	tgttatggta	540
gagaaacaca	catgccttaa	aatttataaa	gcagggccca	aagcttatta	agttttaaatt	600
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnttaagaaa	aaatcaaagg	660
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	720
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		765

<210> 4166

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 4166

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cgaattcggc	acgaggcaag	agatttcaca	gacctgatng	tttttnatga	agatcgtaaa	120
accccaaatg	gacttatttt	gagtcacttg	ccaaatggcc	caactgctca	ttttaaaatg	180
agcagtgttc	gtcttcgtaa	agaaattaag	agaagaggca	aggaccccac	agaacacata	240
cctgaaataa	ttctgaataa	ttttacaaca	cggntgggtc	attcaattgg	acgtatgtnt	300
gcatctctct	ttcctcataa	tcctcaattt	atcggaaggc	aggttgccac	attccacaat	360
caacgggatt	acatattctt	cagatttcac	agatacatat	tcaggagtga	aaagaaagtg	420
ggaattcagg	aacttggaac	acgtttttacc	ttaaaattaa	ggtctcttca	naaaggaacc	480
tttgattcta	aatatggaga	gtatgaatgg	gtcccttaag	ccccgggaa	atggatacaa	540
gtagaagaaa	aattccattt	attaaagtct	gacagaatga	tattgnattt	gctgaacaag	600
cctatctttg	aactntggga	aaaattattt	tttgacagna	atactctttt	caaaaatggg	660
catttgcttg	atttccanaa	acctttcncg	ttctgggacc	gaattaccca	aatgcccattg	720
gaatttccca	ctgggggggtt	taatgttnaa	aantcccaan	taaaaagttt	ttttcg	776

<210> 4167

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4167

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gagttttgga	tgagacttgg	tatggtccat	tctgggacaa	aattcctctc	tctctctctc	120
tgcggaccgg	tgaaatctag	aaaataagtt	atttgcttct	aaaatacagt	gatgggacag	180
acataggata	gacattccca	tttcaaaaagt	gagaaattgg	gccaggtgca	gtggctcaca	240
cctgtaaccc	cagcacctgt	aatcctagct	ccccaggcgg	ctgaggcagg	aggattgctt	300
gagcctggga	gatcaagggt	gtagtgaacc	atgattgcgc	cacctttatt	ggaaactttt	360
attccagtta	ccaataacac	attcctcatt	tcctccagag	acctcaccag	aaacaccttt	420
aatattcata	tttctagcag	ccttctgttc	ataacaatat	atgcattctg	ttaagatgat	480
aggagatttc	tctgcacctc	tcctctttgt	gagcctgcag	ggacattccc	tttaatgtcc	540
atattttctac	cagcagtctc	ttcaaggcag	tctaggtttt	tcctaacata	cacctcaaaa	600
ttcttgacgc	tttggccaag	cacagtgcct	nacatctgna	atcctaacac	ttttgagagg	660
ccacatggac	aagatgcttg	agctcaggag	ttcaagacca	gcccgggcaa	catatgaaac	720
cctgccttta	aaaaaatcaa	t				741

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4168
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 tccattatat gaatatgcc taattttaaa gttcacgtta ctattgttaa gtgtttctaa 180
 actggaaaatt actccagaca atactatgag cacacctgtc tgtggctttt gatgagcatc 240
 tgaatgcagg ccaaacttgg cctgccaac agtttctgcc gttgtttgta ccagttcaca 300
 ctccctgcc aacagtcttct gcaatgtttg taccggttca cactcccacg gcagcacatg 360
 aaagctttat ttgctccata tcctctcaaa tttagaaata attacaaact tatgtaaaag 420
 ttaaaaagtac tatacaata attttatgcc tgaaagtgtc caagttcatg ccatattact 480
 tctaaatag ttagtgtgtg ttttctacaa acaaggagat tctcctgtgt accagacagc 540
 agtcatcaaa gtcagagaaa ntaacatcag tacattgctg ncatctaag cttactccta 600
 ctcaaagttt cactantttg cttccaaaag tgctctttta tggcaggang gatcanaant 660
 aatgtatagg ccaagcacia ngccctggaa tctggaaatc ccagcacttt tngggaaaac 720
 caaataggaa gggtgccttg gaactcctga cttaaggcga nncanccaac ttaaaccttc 780
 ccaaagngg 789

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

<400> 4169
 gcttggtct tgttcttttt gcaggatccc atcgattcga attcggcacg aggttttggt 60
 actaaaggcc gagactgttg tggcgacggc gacctctacg gcaacggctt aagctctcgg 120
 aggagtggca gactacgatc tgaaggagg gcttctggtt agcccagggt ccatcataat 180
 gaatggatcc aatatggcaa atacatcacc gagtgtaaaa tccaaagagg accagggggt 240
 aagtgggcac gatgaaaagg aaaaccatt tgcagagtac atgtggatgg agaataaga 300
 ggatttcaac agacaggtgg aggaggaact gcaggagcaa gacttcttgg accgctgctt 360
 ccaagagatg ctggatgaag aagaccaaga ctggtttatt ccctcacgag acctgcctca 420
 ggccatggga cagttgcaac agcagttaaa tggactgtca gtcagtgaag gtcattgatc 480
 tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc aaggagttaa ttccaggaga 540
 gaagtactga gccgagaaa ctttgaggaa gacttgctctg tccccacatc tggggatagt 600
 aatgcacaaa atggtggagc ttaagaagg gatggggccg gccaaaggggt gcacaneggg 660
 aaagggantg gtggcttaca atactgggac tctgagtact aatatgctca gtcttattct 720
 aaaaaaaa 728

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (735)
 <223> n = A,T,C or G

<400> 4170
 tctaaacgct tggnncttgc tctttctnca ngnanccmnt gcgntncgaa ttccggcacga 60
 tctagatatt gcccaatcgc tgcccacagt gcacatacct ttccaccagt cacatgtgag 120
 agggcagatt ttccaaatgc tcatcaccac ttggcactgt gtggactata attttggcca 180
 gttaggaaat ggcattctcat tgttttctatc ttaatttgcg tcagcctgat tactcattga 240
 aacttgtgag gttgagaaac ttttcttaag cttattggcc attcaagttt cctcctttat 300
 gaaatggttg ttcattgtcat ttgtctcattt ttatattaga ttgtttttct tttttccagc 360
 tgacttgtag gaactctaca tcttatcaat attaatacatt tatcgaaaac tatttgggtg 420
 ccattatctt ctccctagtca atgttttttg tttgtgatat cttttataat atataagttt 480
 ttaatgttgg cagaagtaaa gttaatcttt ttggctgtgt tgtgtgtctt gtttcatgta 540
 aagatagttt ctgtaatagt tttgcagttt gattgntcat ctttaggtct tcaattcaac 600
 ctgcacatcc atccctctta tctcttttct tactctgttt ttctccatac cacttatcat 660
 ccaataatat ggtcatgccc tttattnacc ngntttgcat atataatttg gcttgncccc 720
 ggttccttcc ctana 735

<210> 4171
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (773)
 <223> n = A,T,C or G

<400> 4171
 tanacnmatt ggtntgatgc ntgggtgctgc ctgcgctgcc ttaagaagct gagactcaca 60
 caagtgttaa gagggatatct ctggagacan ngtagagata gaccctgtta cgaatcagag 120
 ggccagcact aagtttttga ttaagcagaa acccatctna atcgattccg acctgctctg 180
 tgctgtgac cttgtctgaag agaaaagccc cagtcacgca atattttaaac tcacgtatct 240
 aagccaatca cgactatnaa cacctctact ttgaatcgga cgctgctacc cgtcaatgaa 300
 attgtgctca aggttaacta catcctggaa tcgagagcta gcaactgccc ggctgactac 360
 tttgtctaaa aacaaagaaa actgaacaga cgtcgagctt cagcttccan aaggagaaag 420
 aaaatccggg cagcagttga cactggcctt cagcctnaat ctgttcccg agcttnagaa 480
 ccttgctgc cagggccaag tgccctagag cccaccccg tgcctgaan tccctngggg 540
 ggaggccagc cccctgggct tactgggcac anggcaagtg gggctctcng gggaaaggtg 600
 tctggngccc ccttangaa gggaancgct ggggacattt gccattggga cgggaaagtc 660
 ttggtttggc anttggcttt ngataancca tgctttgngg gtcnagacca cccnctaaa 720
 ggagccacgt ggcngccaa gccaccttaa ttgctggca cctggccng gng 773

<210> 4172
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 4172

```

tnnnngtttc ctantnnntg ggctactcgt tctttccgca ngatcccntc gntncgaatt      60
cggcacgaga ggcagtgact gccttcggct ttttttctgc tgactaagat ctcctataga      120
gagctacaac aatgccccaa agaaaggctg caggtcaagg tgatatgagg caggagccca      180
aagagaagat ctgccagggt gtctgctatg cttgtgcca gttacacca gaagtgaag      240
ccctaaaaag aacatcaagt tcaagggaat atgaaagaca aaaaagtgat atgatggaag      300
aaaacataga tacaagtgcc caagcagttg ctgaaaccaa gcaaggaagc agttgttgaa      360
agaagactac aatgaaaatg ctaaaaatgg agaagccaaa attcagaggc accagcttct      420
gaaaaagaaa ttgtggaagt aaaagaagaa aaatattgaa gatgccacag aaaagggagg      480
agaaaaagaaa gaaccagtgg cagccagaag taaaaaatga agaagaagat cagaaagaag      540
atgaagaaga tcaaaacgaa gagaaagggg aactggaaaa gaagacnaag atgaaaaang      600
ggaagaagat ggaaaagang attaaaatgg aaatgagaaa ggagaagatg ccaaagagaa      660
agaagattgg aaaaaaggtg aagacggaaa ggaaatggag aagatggaaa agagaaagggn      720
gaaagatgaa aaagaggaan aagacngaaa ngaaacngga gatggaaaga gaatgaagat      780
ggaaagagaa ggagttt                                     797

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<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 4173

```

tntctctacn nanntcgnga acccttgntc ccacgaccct cgtncgaatt cgggcacgag      60
gtgtgtttctg tgggaggggtg tctgtggtga tgtgactatc aggggtgggccc tgtgctgggg      120
atggggcagg cctgggtctg gagaggattt tgtgtgaaag taaatgggggt gtttgaggcg      180
tatgggtggc tgttggtgtg gggaggcatc ttgtgtatgg ctggtgggaa cagcaaccaa      240
aagggtgcttt ttggttttat ttgagatcaa gattgtgttt ccgcttaatt actagtttgt      300
ggtctatatc atagaagtta tttcccaccc cattttatct tgacaaccocg tgtttgcatt      360
tctgtaaaaac ttctacaact tctgggtgtca agaactgtcc agaagatggg actgttaact      420
ggtattttcct ttgatgtttt gattttgaaa gtttactctc atgcaaagtgt ttcangcgta      480
catacatagg cagaaagcaa atttttaggt gatttgtctg tntcttggat gaaatttaaa      540
gcaagcttta atggtctgac ttgntcattt gaaatncaaa aaaagtaagt gaaatttaat      600
ggtttngcat taacctaaag gaaatcttga agattnatgg ttgaaggaaa ttggtatggg      660
ccatgccctt tgggtggaac ccngaaant cnttttttaa gtttaaaaat tgaaaaaaag      720
ggtttttaaa tttgctttgn ggccgtgtn taaaattggg acccccccatt tttanaaatn      780
attttttttc ccgtcttccc ttttaccaaa cna                                     813

```

<210> 4174

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4174

```

gtnnnnnttt tctaatagct tgggatactc gttctttccg caggatccca tcgattcgaa      60
ttcggcacga ggttctcagg ccttcaggt agtcccttc ctggacttaa gagtgcaaac      120
tcttctctgt ggttctagcc ttgggcagaa ttatatccca gagaccacag agcaactgtc      180
aagctgctta cccctcacc cagggtcaca gcctgtgcc agccctctaa tttgtgctc      240

```

```

tcttgtgttg ggggtggtgg gggttattcc ttccctttc ctgctctggc ctccttgaaa 300
gttcagagta cccagtacaa gtcagcttta aagtacagct tttagtgttt cctgggttgt 360
ttctctgggg ctttagtgag ggacctttgc cctctggttt ttcttgctc ctggtttang 420
gagcatctca cacttgtag tatctggttg ttgggccagc cgtgcctnc tctagatctg 480
gagccaggcc aggcaggggc cacgtgtggg ccagtcagcc actacaagat tttgctaagc 540
tttgggtgtg tggcagcatc ttggacctca tgcctgggcc tgaatgange tctttcttaa 600
gtggttttac aaagtgtggg ttttatttat ggagtgaact accccttcca ttcagagcag 660
cccaccagc cagcccttna acctnttggg ctccgtntgc ttaaaggcaa accgcctggt 720
tgggctccac cctgtgcatt gggaacccaa ccacccatgc tnaccggnat ttttcctcat 780
aaaagt 786

```

<210> 4175

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4175

```

tetaatgttn gaaanccttg ttctngacca tcccgggctn atgcttgggc acgagagatg 60
ttcttatccc caagagctgt ataattccag acagaggagg caggcagaca cctctataga 120
ggacttagaa acgactgttg tgagacacat tcagtgtca ggatggcaag tgtagtatac 180
cgtagaaaag aacattcctt tgggtgtgtg cctaggaagt tttccagatt tttcactagc 240
gtacatctaa ggaaaaccgt aaacacagag ctgcccttta ttctccacac aggaagaaat 300
gtacatcttc atggagtact gcgatgaggg gacttttagaa gaggtgtcaa ggctgggact 360
tcaggaacat gtgattaggc tgtattcaaa gcgatcacc attgcgatca acgtcctcca 420
tgagcatggc atagtccacc gtgacattaa aggtgccaat atcttcctta cctcatctgg 480
attaatcaaa ctgggagatt ttggatgttc agtaaagctc aaaaaacaat gccagacca 540
tgcttggtga agttgaacag caccctgggg acagcaacat acatggcacc tgaagtcac 600
actcgtgccc aaagaaaggg ccatgggcgt tncggcnac atctggagtc tgggtgtgt 660
tggcntagan atggggactg gccaaaagcn cttggcatga ntattgannc cacctttcaa 720
attatgtata aanncnnggg atgnnaccta aannccccca atcccnngnan anaattaaac 780
ccctt 785

```

<210> 4176

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4176

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cnnnncgnnn nnnnacnan nnnnccggnn aacnttcnag gccnttnnaa ntcccnnttc 60
naangcttgg cnatcgnctt tcnnangna cncngcgttn cgggtggaga aaccaagctg 120
acaaaaacat ggtccccacc ttttgagct tacagtctgt tctggggaac agagattcag 180
ccagnagtca agaaacactg gatgccagct agattatctg ntctgtgctt tgggtgtctat 240
aagtacatat gtggatatgg gttcatttta tccctaaact tagtaccaaa ccagcattta 300
atatctaatt ataaatctaa tntggcctaa actttattat tgcacactgc ctgaacaaaa 360
cctattttgtc tctatgtaaa ttntttctc atggaacaag ggtgtgaaat gaaaatatatt 420
taggattttat tcaaaaacag actattctgt tttcagcttc agaattgttc tttgaatcct 480

```

aaggaacctc	tgtcaacagt	ngaggcngct	gttgaaaaga	aagaaganng	aggcngaaat	540
ctctcangga	gaattatttc	ccnttctntt	ctatttcaga	tacctggagg	ggtaggggaga	600
ngtaagaatt	gtagggggagg	atcannnctn	ggggaaaant	gtgaccagct	naatgaanga	660
atgatgattg	aaanaaccct	cttgcatctc	tnagntaccc	ttcngcntcc	cttnnaccca	720
ntgggtataaa	atntnngggcn	tngggcaacc	actgaccatt	tgncaangcc	ttaattggnc	780
cccaaatatc	cnacactggg	ccnagancct	taaangtctc	cagcacccga	cncnntnana	840
anncgnnnc						848

<210> 4177

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (836)

<223> n = A,T,C or G

<400> 4177

ttctaaanan	ntttgggnnn	gtgnncttct	aatttttcnn	atacntggcn	actcgnactn	60
tctnnangna	gcnnntgngt	tngcgaattc	ggcacgtagc	tgagcacctc	gtctctataa	120
aaacaaaaca	acaaaacata	aacaacaaca	acaaaaaact	atgtgatagg	cattgtgtta	180
ggcactagaa	aatagtgtct	aaacaacaac	aacaacaaca	aaacatgatt	cttgtctcaa	240
agaatgcaca	atgttgggga	aagacaacta	aaaagtnata	aaacataaag	tttgaaggat	300
attatgatag	angaatnata	ggatacgttc	aatcatttga	aattcntgaa	tgtcatcctt	360
ttgggtggag	caccgagagg	gtttgtgaaa	aacttcccac	ataaagnaat	ntaancnatg	420
cattnnntaa	aaatactnat	gtnttttnaa	aaatgaatat	ggcaaatgaa	ctgtntctgcc	480
tancatntga	tnaaggmntc	acttttccat	nccnanggna	ttagcttatn	nnacttcana	540
catttcaaan	gtggaaaaga	ctcancanat	tcaaagcaac	cattcttgta	aagttaatt	600
tcntgtgan	tcgttcanaa	tttnaatnct	tgggaaaaat	gaacctgcaa	taagaanaaa	660
aattggtttc	actttttcaa	tnggggttaa	aggtttctgg	acttcacca	aagtggcttt	720
ttncaaatgg	gggggncccn	taaaancaan	tatttaatat	nggaacttat	ntttgcggtt	780
tagcncntgg	gggnatnctt	ttgncaaaag	gtttaaaaag	ccaattnggn	aangnt	836

<210> 4178

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4178

ctnncttttn	ncctnaagtg	aaatcgttcg	gtttancctt	tngcaggatc	ccatcgattc	60
gaattcggca	cgagcttagt	tccacaaata	attattgatt	tgtttaagcg	tgatgtatgt	120
gcttgctcaa	ggaattagaa	gatgagtatg	acaaagctca	ttccctcagg	gagttgagtg	180
tttcagaggg	atgaagtaaa	agaagatttt	aaaactacaa	gtagagtgtg	agaagtatca	240
cgagaaacat	caacaaaggg	ctgaggatag	aagggtgata	gtctcaagta	tctcaagata	300
ttcagcagtg	aatcttaaca	ttaaatttgc	tttaggggaa	gaatttcaag	catattgata	360
ggtcttaaat	tttctagtct	ctctgggata	gtaggaagga	gaatgatttt	taaaaagttg	420
attatgtagc	atggagtttg	gggactagta	aaaattttat	tgaaattatt	tgggaattgt	480
tttacagttg	tttttagtgg	aggttgtatt	tctgaaaata	ttgcatttta	gtgtgatgat	540
ttactaaaaga	agtagcaggg	acttatttcta	aggtaggaga	tagaaaaact	aataagtaaa	600
aatctgctag	caactttaaa	tggctgtcaa	acttttttta	atgattaagt	gctaattggg	660

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ggcagatgga aattgtaaaag ccagtgccan aacaattgag gtatagaagt ttttttctgt      720
caattgctct actttttgaaa gagaagaaaa ttnganggca aaattttaagt cattt          775

<210> 4179
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (816)
<223> n = A,T,C or G

<400> 4179
tnncngttnc ntattanntg ggtaatngct tggntctngn nctttctnca agatnccatc      60
gattcgcagc gatagcccaa aggctctgca gtattccctc caatggccaa ggattccgtg      120
tgtcatctgc aggagtgagt aggctctgctg tatttcttgt aactgctggg tgttacaaaa      180
taagttacaa tgtttttacac tttaaaaaaa aaaaacagaa ggaacatttg ctttattggg      240
tacttactag tttagcctct aggttatggc acagcatgct aaaaaatcat gtgtttaaaa      300
gtaaatgttg gtaaaatgct ggcacatggt cctattgtgt tgatgcattt tcacttctgt      360
ggtcatagga aatggactgg tctaaagaga gtgaggcaca acacaagcag ggcattagtt      420
tgaataggaa gtcaatcata tttggtttta tggcctgggt tattttgggt ttaagataaa      480
atagggaaaa atgtcagaaa tgatccctat gcatttattt catggatccc ttaatttcat      540
gggcatgcct aataatgac tatgttctaa ctggagctta nggcttattt tagatattgg      600
gagtgtagct tttatttacn agatggattt tatctttcaa catttgcatt ttgatcaact      660
tttgtaatat tcaccgtgta tttaaaaata ttgggtgcact taaaatgttt tncctctnng      720
nttctttttt atattgggtc caaaggcant ttantcaagc anctntttgg naatggaaac      780
tcaatgttaa anttggcntt gggttcaann ggaaat                                816

<210> 4180
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (746)
<223> n = A,T,C or G

<400> 4180
tnnnctttct aatgcttggc tactngtctt tccgcaggat cctctgatc gaatccgnca      60
cgagggnggc tgccgtntnt ggctttngct nnaagggcna ngttcgggaa ccgttccaca      120
ncatcctgat gtccctgaagg gactcactgn gccattgcc agcagtcgnc attccctaag      180
gtgctgtgat ccanaangcg ggntgngaga nattggggcc ctaccctact nactntnncc      240
cacaccatgt ntaaaatact canntntnn angggcnnaa nacngctatc tggacccena      300
tcaggnetgg gnaacactgt tnaaaagtc cctttcatgt tggcccatg aanagaccac      360
ngaccacngg gtacntggag ctcgatntcg anagttctca agnggggaact gaggggactt      420
ccactnctnt gggactnngg tcnactnncg tgnanancgg gacnactaca tnntggnetc      480
tttctganca ccacctntt ttacgatgg nacntgtaga agggaaatgc tgganngatc      540
catcctntct gntctcttct tngccctaa atgntctgan ncanntccgn ncngtncntn      600
acctgnnngg tccttttggc ccngcnttg ncatgantac cngnntacct gcacctanc      660
ctgacacnnt ttgntcttat cgctgcagt anggaaangt ggggtgggtat ttttcccaa      720
taaagacttt agacctntt tttntt                                746

<210> 4181
<211> 865

```

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4181

cgtnnccctt	ttcaaagcc	cttggtact	cgcccttacg	caggatccca	tngatncgaa	60
ttcggcacga	gccaacctgc	tgccccctca	gccccgcttt	taccagcctg	tggagttcag	120
gaggcgagac	atnctggcct	cctttgagaa	ctgatgggat	ctacccccctg	tccacgcngg	180
acagtntctc	agaactgggt	catagaccac	ctgtgttacc	aacagccaga	tacctaatec	240
ctgagcctnc	tttgggaang	tctggggcgg	aggggtctggg	aatntgcttt	ntttttttgg	300
gacagagtct	cattctgtca	ctgcactcca	gcctgggtaa	cagatcgaga	ctcccatctc	360
aaganaaaaa	anaagganca	gggcatgggt	ntagtggtgac	tggggtncca	gctacttcan	420
aagctgaggt	gggaggatcc	cttgagccct	gtaagcggag	gctacagtga	cctntgatgc	480
cantgaactt	ncgnctatgc	aacagaacct	gtcttaaaaa	aaaaagtaat	taanaatttt	540
aaaattcaaa	agtgggacta	ttnatnggtt	aacagaactg	nntttaanaa	tgcctntaaa	600
atggtggenc	catttttttt	aanaacctnt	gctggntntt	attggtnaaa	aattgnantg	660
gntcttncn	tggccnnngt	cnntnaaaaa	ttntttngna	ngggcnagnt	tttatngtna	720
attgntctgn	aaatntgnnn	aanatttcat	tccananna	angntnnnnt	tcccttaaaa	780
nntngnactn	aattgccttt	actgttnccc	ntnaanttta	aacnacnnat	ttntntnaaa	840
accttttnaa	angnaaccn	nnccc				865

<210> 4182

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (989)

<223> n = A,T,C or G

<400> 4182

tncccttggt	gaaanccctt	tgctcctttn	tnctnccgtt	tgncatncna	ttcgctcagc	60
tgaggcaatt	aaactggaaa	agaaatagat	tgaaaagata	ctntngaaga	agcagtacag	120
aagtgggggg	actgaaggag	agggagccac	tgagggtgct	agctgcttaa	ggggatacca	180
gtccttttac	agatataata	gatacagctt	ctgagggtgga	gggtgatagg	agtgtgtatg	240
agaaanttgc	agnntnacaa	ctgctcntgc	ctcctnggca	anaggannan	cnnttcnccn	300
nttnccnccc	ttatngnaca	cacattgncc	tgattggncn	tnccnngct	agcttncagt	360
cttnantnta	ctcannagnn	nntnggggaa	cncnctntcn	nantatgntc	ccttttcctc	420
tnnctnnccc	nnatancacc	ccnctcnctt	tcctttctaa	acttncacan	ntccctgana	480
atgncttccg	aatggantct	tngaatttct	ncgccccctnc	ntctncataa	tcnttttgct	540
netcngctc	ncctcattt	tnctacgtnc	cnccttctnn	ttnactgnct	ttaaatntta	600
ttancnncnt	ntnctttn	atctncaant	tttcnnnccn	acnnnnnttt	nctnnntnca	660
aatcgcgna	aataagtntt	gcncactcnn	ntnctancnt	attntccctc	gcnnntntcn	720
tcctctcccg	cnncactcac	ntnnnccnnt	caattntntn	nnacnncnc	tgctctacnn	780
ncnatntctn	tnccctncaca	ccctntancn	tnctnctcan	aatgcctttt	ctnccctann	840
nctntctt	ncnnatctan	ccaantttnc	tttnacatcc	cctnccnntc	tnncccgacn	900
atatntnacc	tcttnnactn	cagngcntan	nacnccccn	ttntcnctnt	cnctctcann	960
cttntnttna	tcttcatnna	tcanncncc				989

<210> 4183

<211> 820

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

<400> 4183

tnncctttct	aatggcttgg	ctacnggctt	ctnaagnatc	cctngtttgc	cagctatagc	60
actaggcagc	cttgcatcct	gggtgttgaa	agtgcaggcc	attatcctcc	cctctgacct	120
ccaagatgtt	aggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	gggtatgatt	180
gtactagtgc	ctagtacata	aggagtgcgt	caaagattac	atgagtgtct	ttaaagtcct	240
tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	tttagtcctt	300
cttggagcaa	tggatattaa	aatttttaaag	acagttgtct	gntnaggatt	ggncatgcag	360
cctgaagttt	naaaacaaat	tgcacctgnc	tgtgtncatg	ggganacttt	ttaangccct	420
ggacctnatt	agctnaatgg	gctgtggaan	tgnatggggc	cttttgnagg	gcncnntttt	480
tnnaaacccc	naaattttan	aaagnttaac	cccagannct	tnattctnca	ttttaactgg	540
cctnttggna	gatatatngg	cagaagtttt	tanaagggtn	naaaagtttt	ttttgcncn	600
anaaaaangg	ggcttaaaact	tttttaattc	nnggggtngg	cgccnaaatt	tttcaataaa	660
aanntttcan	gaattattaa	nnggggtngg	atnaanngan	ttntntnttn	anaaaggatt	720
tttaaanaat	ttggggggaa	gaaccnnaat	tattaacngc	taantrattt	natggcttcc	780
gacttttnna	ngtttttnga	aanannccna	nntttattnn			820

<210> 4184
<211> 810
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 4184

tnccctttnc	taatgcttgg	nataccttgg	tttccaatgn	ttncagggtt	tnctgacct	60
ccagcctaca	tgacagagtg	agaccctgtc	tcaaaataat	aatantaatg	nactgagact	120
cagaaaagat	gttngntcaa	ggttacaaan	ctcanacngg	acagggcagc	attggnaacc	180
aaaatnggtc	tgactcctan	gctcatgctg	naaatnacng	tgcaaggctt	ntactatcta	240
tntttttctt	aanngaattg	ctaaatgnac	ngatgggtta	catattacgc	agaatatgtt	300
aaacgtcaaa	tgaactgtnt	naacnataaa	tgctggagag	ttgaagtggc	caagaactca	360
tgcccnaggt	gatctgggaa	ngcctcttga	acaagggtga	attatagctg	gtttttgaag	420
aatccgaaag	gtgcttagat	tgaagggtga	gacatgtaca	ggaatggttt	ctaagatgtc	480
atattttatc	tctgtcctca	tcttgactgg	cactaatgaa	catcaaagat	ttnaacctaa	540
atncattgag	tgcccagnat	gtgaaggggc	ttattttatgt	aggtttttaa	gcttttttaac	600
atacttttaa	agaannggac	tggttaatct	ncactgnctt	agatcccttt	angaccccg	660
gagcccggat	tggccccag	ggngcccttt	tgggaaatgg	gcgttggctn	gggaccaagt	720
cttncacntt	ttgggacctt	acccanaga	aaaaggaaat	gggtcccttt	gggggaattt	780
ttgccaggac	cttacaattc	ttgggaanaa				810

<210> 4185
<211> 820
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4185
 gnnnnctttt gaaanccctt ttaanccctt gctcttgntc tttttgcagg atcccatcga 60
 ttcgaaattcg gcacgaggca gaggcagggc tagaatgttg gacttcagat ctcttacttc 120
 tgtgtgctag tgcaccattc ttagtccagc acagacaatt ctcaaacaga ttagcaaacc 180
 accctcttga aattgcaaga attgttacca tgtgatcaag gcatcataat taatgcaaac 240
 cctagtttct agttgggaaa gagattaaga tggagacttt gtagtaaaag atggacatat 300
 attttattca catagcttat ttattttgaa tgaaagacca agcaaactct anccttggcc 360
 tgtcctgang aaggtgatct ntgaaataaa tgcnctgnan aatttgngna canngngnct 420
 nncctntgat ntatctgntn ttatccaang gttcnaatnn tgnccctnt natnccntat 480
 tccctnnaat tttntttgna acnnncccn natttctntna tngncccttt tcttncntna 540
 cncctntnac cntttatttn ttnnaannccc ntittcnnnn ncaatnctng ntctnaant 600
 cntnnncttn tntttnnctt ttanncccct tnnccnttnc cccctnnnnn ttaanacntc 660
 ctncctattt anntcntncc tnttttcttc tccnntttct ttaactnntn nnncttccac 720
 ttctttacct tatatacntt aanntctctn tngtatnta aactcntnt atcttncct 780
 ntctnctaaa tncatcctca natnnttagn nnetcaacct 820

<210> 4186
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 4186
 nnnnnnttnc nccnttttgc aaacccttgc ttctnctttc naattggctt ggatcgattc 60
 ggggaattct ctgccttttg gggaaacagt acagaggacc tnntaaaccc ttgtttngtg 120
 ccaggccccc agaccacaga gataacctgg gacccaggct ctgcccatgg ggagctccca 180
 gccctgtgag gaagacaggc catcctcacc cagcacatcc tactgtaccc gaagagaggg 240
 cgcagtgact cattttttgc cgttggcatt aggttttaaaa gatgggttgaa cgtccacaga 300
 aggaaaagga attcctggca nagggccctg cctgagcata ggcagggagg ctgagcagcc 360
 acgtgtgctt gagcgctggt ttgncgaggc agcaagcggc ggctgtatgg tgttgctgca 420
 gctgtatggt gaaaggggtg tgaaagctga nccaggaatc aaggctgctg gccacagacg 480
 cattgatgat ggatgacgtg ctggtggggc tgacacctga aaaaaaangg tgtcaagttc 540
 caaaacaang gcctggcata caagtanggn ccacaagggg gaagcatgag ggaaatggct 600
 tngcccgctt ggggntccct ggganaantn ancaattnt cngnatgnnn aaggnnchna 660
 tnnnnanaac nnnnnnccnn nncnntnnnn annnnnnnnn cnaaaanncn nnnnanncn 720
 annntnnnt naanattnnn nntntnnnnn nnnnnntnan aannncnna annnnncnct 780
 anctnnnnnn nannnncnt tnnctnnnnn anaanngnnn nttnnnnnnn nnaaannnac 840
 ccccnnc 847

<210> 4187
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

<400> 4187

```

cgcttggttt gagcnnctna anccttccca tgcgatncga attcggcacg agggacagtg      60
ggcctggccc gtggagctgc cacgcagggtg cctgagggcn nngtgccacg cagggtgtctg      120
aggaccagggt gccacgcagg tggtaggggt acagacaaga tgctgggatg tccctgccc      180
catggtcaag ggtgtcctgc ctgctgggt ccagggcctg agggagccac atggatcccg      240
agacttggtg tctcttgctg aaaacactga ggtgctccca tctgtgctg gcccatgagc      300
tgggatggtc ctncagcttg cccacaagggt ccgncctct gtctcttgca ccaacctgtt      360
tgcataaaca cactttgcta caatcttgct agtgcgtttt cttaaagat aatctattta      420
ctgtaaaaaa taaattggac ttgcaaaaag cttttagaag gaaaagaaag aggattaaag      480
agaattgctg gtgaaaaaaa aaaattccat aaaaaaaaaa aactgggaan ctttttagaa      540
cttntagttg aggtccgtan ttaccttaag ntccaagac cntggaatta nggaattcca      600
atitggattg aagtttttgg gacaaaaaac cnacaancnt tnggaaattg ccaatttgaa      660
aaanaaaaaa tggcctttta aattttggng gnaaaaattt tttgntggaa atgcctttat      720
ttgggccttt taaaatttgg ggtaaacccc aattttttta aaagccttgg caaattaaaa      780
nnccaagggt ttaaacccaa ccaaaccaan ttgggcattt tccatttttt naatgggttt      840
tccanggggt tccaaggggg ggnaagggtt ttttngaaa ggnt                        884

```

<210> 4188

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4188

```

tgtnnctttt cnnctcnnn cgaaatcnct ttgnttctaa ctttectaata tacctgggct      60
acttgacta tccntcgat ncgcatagat ggccnngtta ctaanggtga ntttcagcg      120
cgggggggcac gtggagtcac tggaacattt gngcaatgct ggtgggaatg tcaaccgng      180
cnggcctctg gaatangcct ggcnnntcct gcnagagtta ccntgtgacc cagcaattcc      240
actcctagct ccacccacag gantngaaag cnaagacgca nacagatgcc tgngcnccaa      300
anttcacggc agcatcctnc gccatantgg cancatecgt cgtnacagcg gcatcatcct      360
tcatcattac ggcancatcc gtcgtaacag cggctacatc acttcgccac agnggcagca      420
tctgtngtca cagnggngc anccttngcc aaagcggcag cntccttcgt catagcgna      480
ncatnctttg ccatanngc naggtggaaa ccctgnccat ccaactgagc ntncatanac      540
tanncatggn cagtccagg cactggaanc cangccgtng aacggcgccn acggtnanna      600
ggaatganac cntgatgcnc tggggccana catactggct anacanactt ggagacatca      660
tgcttanttg nannnccant cacacttgcn nncggcgtna tctgtctcac gtgatncgac      720
ccgaatgggc acttcaaagt ggaanaagg ngatggcact nccggtnncc tnganagggg      780
n                                                                    781

```

<210> 4189

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4189

```

tnnncttcen nnetcnacng aaancccttg tattgccctt tatgcaggat ccctcgattc      60
gagcagctgc atctaggggc ccttggtgag atttacactc antnccgtgt cgccecccg      120

```

```

tagcccagat tcaaaagggtg aacatctgtt tgcagaatct gattcatgag aagggtgagtt      180
tattgttttc agtttagact tttgggaagt tggactagag aggggagttg ttgggggtcag      240
tgctggctta acagaaaaca cagcgaattt cccctccagt tctccccaag tccactgaac      300
aaggctagtt cctgcaccac ccaggattca aaggaaagac gaaggagca gaacttgtgg      360
cagcaacagg taaacttcaa gaaggagggc aggagcccca ccctacaggg cttggganga      420
gcccagaggc cccatctgtt tcttcttcca ggagttgtca aggcagcaga aaggagtcac      480
ccagccaaag gaggaagatg gcttcaccgg gctgcaccaa ggggccaaga agcccttacc      540
ccgtgtctaa acccttctct cacttccctt taagccttgg tgaaaagaag tcaagaaagc      600
cccaaggctt ccttttttct tggtttcttn aacttcaacc agcttaaaaa aatgggcttt      660
ccagggtant tggaagttca attgaaantt tcaanaccat tggtttgggn gggtaaaagg      720
ttttcttctt tnttggttnc ctggaaaaaa cttttcaatn ctttcttttg gngggtcttc      780
antggctcnt caaattcttt ccccttnta ttgaacattg ccaaaaaaac cnancctttt      840
tttttgnaa a                                     851

```

<210> 4190

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4190

```

tnnnttctaa tantttggat cttgtgtctt tntgcaggat cccatcgatt cgaattcggc      60
acgagcccat gtcccgcccg ctctgtctgcc tggctgcggg gtgacacggg gcttcgcctt      120
gggaaggggt cgagggaagc agttagacgg ctgcccggcg gcggctgccg cgcggcacac      180
aatatttatt taattgcca actaccactg atgaagatat attggagtga ctgctgaaat      240
tgcccttttg tttttaacca gaggacagtc catttgtttc acttcttttt gctttcttta      300
ctgctatgag ctttactgaa cggtgaaaaa acttgaaaaa taaaatggac atgctgtagt      360
cttgaacata atttttttaa ggaaaactta aagtgccaga gtgaaagcca gaatggcatc      420
cagagagagg ctctttgaac tttggatgct ttattgtaca aagaaagatc cagattacct      480
gaagctgtgg ttggacactt ttgtttctag ctatgaacaa ttttttagacg ttgactttga      540
aaagctgcct accagggtag atgatatgcc tccaggaata tctctgcttc ctgataatat      600
tctgcagggt ctgaggatcc acttctacag tgtgttcaga aaatggcaga tgggttagan      660
gaacaacaca agccttgtca attttgcttg caagttcttc attattcttt gcaggatatc      720
agtagaaaaa ataaccttgt t                                     741

```

<210> 4191

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4191

```

ttggnnctng ttctttttgc aggatcccat cgattcgnac cgnncggcca gctgncagg      60
nacagggggt gtaggccag ctcanaccac ttnggagctn tggctntntt caaaaacatt      120
gtngactctc ttaccacac attcctnngc tggaagggga gattgacaaa ccagcatcat      180
ctctangtta ctacaaaagc cctcncctgg aattattctt aactnancag ctggtagcga      240
tccattcnga aaaagagtac nntagactga gtnctctgc tgntnaaann nctgaanagc      300
ctnctaantn tacctancgn aaaacctana nnccttnca tggcctgcta ngccctgcgc      360

```

cctntggccc	atcntntacg	accacctnta	ctactgcctt	tctgttaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tntgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taaccggatc	ctataaanatg	gcccggccnt	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaataa	aacagcnngt	720
tgntcacact						730

<210> 4192

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 4192

ttggnnctng	ttctttttgc	aggatcccat	cgattcgnaa	cgncnggcca	gctgncagg	60
nacaggggct	gtaggcccag	ctcanaccac	ttnggagctn	tggtntnttt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tggaagggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcncctgg	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctg	tgntnaaann	nctgaanage	300
ctnctaantn	tacctanecn	aaaacctana	nnccttttnc	tggcctgcta	ngccctgcgc	360
cctntggccc	atcntntacg	accacctnta	ctactgcctt	tctgttaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tntgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcctggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taaccggatc	ctataaanatg	gcccggccnt	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaataa	aacagcnngt	720
tgntcacact						730

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 4193

gtnnncnttt	ctaattgcctt	ggnnntnncc	ttctaattgt	tggtctctgt	tctttntgca	60
ggnatcccat	cgattcgaat	tcggcacgag	cctagttatg	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattcacc	agtacaaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
aggacatca	ctagagtaaa	tgctagacct	tccctctcct	tttattttta	gcaacagcaa	300
agcagaaaact	aagatctaca	agtgatcaaa	gagggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataatacctt	ttacatattg	gtacagtttg	taaaaaact	ttcacttact	420
catttaactct	tcatagcaac	ttgatgaggt	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaattt	caataaaaca	gctatggaat	ccaagacatt	540
cttggcgctt	aataaactgt	attctttgct	aacagtgaat	gtgcttctct	gttgcttggt	600
aagttttttc	cccttagaat	actaataaag	taattgatta	acttttcattt	ttattttgat	660
ttgattggga	cagcaatttt	agcagtaaaa	aatgtcacct	ttataaatcc	tgtggtttct	720

ggctcttggn c aagttaaatt caacctgacc aggaaggcac gctttaattc ttat

774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194
 gnaacntttt gnaaancctt ngttctaann gctgggntcn nttggtnctt gcacgatecc 60
 ntcgntncga attcggcacg aggtcagatg ttcttggnnt acgttgagct ncantgaagt 120
 gagaggggca nagggggcctt ggggaagtcac aaggtcangg agaggagaag aagcgtgctg 180
 gatgagtcac actgnaggac tcaagccagt aggttcttgg tagcccgntt actgacctgg 240
 agccangcac tgatagcaac gtgtntctctg aggggaaggcn aatggnaaat ccaagcangc 300
 actgggatct gcctgtgaca ctcttggtgg gcctggacce tcnnccctaa ngagcttggg 360
 ccantcagag ccaccccgagg ngcccctncc ttntatctcca ttgtggcang cacaggaaca 420
 ttgtgatacc canaaaatgg actcctgtct tgtgcacagg atgcacctgn gtttntctatc 480
 ttncattcct gaganctntn nageccaggag gacctgantt gaatcctgac tttgccnata 540
 tnaatgacta tgtggctgtg ggtaacttac ttatnctaca tgagactact tgtttcatct 600
 gccggaaaan gtaccatann atctgccttg cctttattga cttnaggata aatcaagtcn 660
 gntantaaag ggaaanntnt gttncacttg aaaaatcaat taatggttca ttgttctctc 720
 ntttaaaann gaaatacaaa ngcttcngcc tttagaacnn tnntggagnn c 771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
 ttccttcaat ngntgggaac tngttctttc cgcaggatcc catngattcg aattcggcac 60
 gaggatgcat gaattactgc attaaaattg atttatggga attattgttg tttcagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgcctatc gcaactaggaa atctgagggc caaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttggtg ggaactcttt aggcctcggt ttctggtgac 300
 agccccaggg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgcccttca caggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtctttga aaaaggtaag ataaacagca taaagtctta 480
 cctttctgca gtaataactg gaatatgtta ataaggatcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgcagta tcttaacctaa tatactttta attctcactc atgtaaagtc 600
 ctagatgggtg tcttgatgc tcttccaagt gccagattca gagaccagc ttccttccat 660
 tttngggctc cattatcatc acttggtctc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4196

tntnnttcct	aatngntggg	ctacttggtc	tttctgcagg	tatcccatgc	gattcggttg	60
ccaaggattc	tattgccatg	tgttgaggag	taggagcaag	gagatagagc	aggaccaatg	120
ttacaataag	aaccactat	taacccccaa	gaatctgtct	tgtgagggag	ataaatagtt	180
atcatacatg	cgataagtc	cacaccagca	catgaaaaga	ttagaagaac	aagagaaggg	240
aagaaaccta	ctgacctgtt	tcaggggtgg	atgcttcata	aagaggataa	cagttaagcc	300
actaacagta	atgcctctaa	tcttgaatct	gttacctact	agttttgtgt	ccctgggcag	360
gtaacttcat	gtttccttgc	atcagcttac	ctttaaaatg	agaataatga	taattatcta	420
acagggctct	tactgaggat	tctgtgagat	aatgcatgga	aagagcttaa	gtccatgcc	480
aggaaatact	aagtgtctaa	agtaaagcat	ttttttttcc	ttttttatta	cctagtccca	540
caagagcaat	ttttttatat	caagattagc	tttaaattca	gaaggaaagg	gaataactga	600
atggctcatt	gccagtaacc	ttatattgat	gccatgtttt	gactttgaga	catttttttg	660
agtctttttt	aatggnaata	caggtttctg	gtggaaacca	cccttggtgt	caaaaagttt	720
cnntgacctt	gtgtgtgtgt	ggnggggtgt	acacatgtgt	cct		763

<210> 4197
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4197

ntntttnnnn	nnctnnttgg	aaacccttna	aggaaanacn	tggcccttcg	caactncagg	60
ancccatcga	ttcgaattcg	gcacgaggag	gcaggcaggg	cnthttgggtc	ccttgttcag	120
ctgttatggg	gcttaggcca	tgctcagtgc	tggggacagg	agttttgccc	aacgcagtgt	180
cataaactgg	gttcatgggc	ttaccattg	ggtgtgcgct	cactgcttgg	gaagtgcagg	240
gggtcctggg	cacattgcca	gctgggtgct	gagcatngan	tcactgatct	cttgtgatgg	300
ggccaatgag	tcaattgaat	tcattgggcca	aacagggtccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcaggga	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccacccatcg	nntgtctaga	atctctttca	ttagcacatt	ccaacccctc	540
tgacactnng	tttaaaaatg	agctccctgg	ctcantgggg	ccttnntagaa	tctggaaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gccccaaagn	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	taccatttat	720
tcttttcngt	tttaagagac	atgggctnac	tcttgnaacc	aagctgggaa	tgct	774

<210> 4198
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4198

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ntntttnnnn nntnnttgg aaacccttna aggaaanacn tggcccttcg caactncagg      60
ancccatcga ttgaattcg gcacgaggag gcaggcaggg cntttgggtc ccttggtcag      120
ctgttatggg gcttaggcca tgctcagtgc tggggacagg agttttgccc aacgcagtgt      180
cataaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg      240
gggtcctggg cacattgcca gctgggtgct gagcatngan tctactgatct cttgtgatgg      300
ggccaatgag tcaattgaat tcatgggcca aacagggtccc atcctcttca tgacagctgn      360
gagctcctta ctgtgggaga gctgcaggga gccaaaggagg gctgcctgac acacttgccg      420
ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctggtngtc accttctncc      480
acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaaccctc      540
tgacactngg tttaaaaatg agctccctgg ctcantgggg ccttntagaa tctggaacca      600
gacggagggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc      660
actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat      720
tcttttcngt tttaaagagac atgggctnac tcttgnaacc aagctgggaa tgct      774

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<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

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tccctttnaa ctccctgaat cccttgaatt ncttatccca tcgattcgct gatctccaga      60
cccataaggg agatgctgag tagacaactg gggctttttt ggtctggagt tcagaggaga      120
gatcgggaaag gtgtccattt ggagtcattc acgcagagat gtgtgaaggc tgctcaatga      180
ttttgagggt taaagaaaaa aagagatgtg aaaccagggg ccctgatgag gctgcccagg      240
tggtaaaggaa gacagaagag aagccatggg acagctgagc ccgggcaccc tcaagccttg      300
gaggcatgaa gnttgggtggg gatctgncnn naaacacctg nnanctgtca gngggccanc      360
anaccctnta gtntcacnga nnnnntncnn nangcaaaat ggnctnttna anatctcngn      420
ttatntaccc ntngnagtca ngnnngacta cntnanaaca tnctnatatg naaanntatt      480
tcgcngcact cngnctttta ccanntctgt nctttnctnct ggggtacatgn tcggnatntt      540
tncntggaaa anattaattg gctntttntt nnanctnnngn ngaactgtaa anttinnaccc      600
ttcnacannn aanntttntc ctngggggct ncttncaatn nacntaatan ggnacagann      660
nannctnanc anatnannaa acccttannt atannacnch nnnannaaan anttannngn      720
nntntacncc cananctntc tnctnaaaaa tngggnncct tcnttcnna aaancntcat      780
nnntnantnt atanannggc ncatttnact ctnnccctat aanantcnnt ngnnntcccc      840
annaaatctg gggnaacaan ctttgnnntc aaannannnc tctnctnnnc nctcacanac      900
gncanttnnt ncaannngnc acttacnna antntntcta ntatatctnn cngnntcnn      960
nmatntnnng cntnntctna ancnttttta tttnnanana nnaacnttan ancccctatn      1020
ncttnttcta naagcancnc naacaanttn tccnngnct cctnnncc      1068

```

<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

```

tnnnnttnnn nnnctcttca aatccttgtt ctgcctttct gcaggatccc tcgattcgaa      60

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ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggg	ggctttcgtc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggacccccga	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcgattcccc	acaaatgtga	caagaggtat	300
agggagttag	tgcagcgcct	ttgctcgtga	ccctgggac	agagcaccca	tcaggcttcc	360
attactgtgg	gctcccctaag	aagaccatgg	agagcttggg	gactccccca	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactccccca	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtactga	tcaatgatgg	ccagcaggac	540
tcctctcctg	cctaactgga	caggaagcct	gcacccactt	ctgtcttncc	ctggaactgg	600
gcactggcgt	acactggtat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggcct	cctagtgtgc	tggggaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4201

naataccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaagg	60
ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tgttgcccag	120
gctgggtctc	agctcctggc	ctccggcagt	cctcccacct	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tgggttagagt	aacacctatt	tggtgatata	360
gatcaacagg	gtgtctctga	ttaatttagc	tcctacatag	ccagaagcaa	gttcattatg	420
atttagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggtc	480
agatgatgtt	cagtttatat	ctgctgatag	tgtatatgca	ggaaaaccta	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaagt	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4202

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 4202

ggnnnnnnn	cn	ggaacattn	cncnanatgn	actcnttgca	aacgccccnn	aatgcaggat	60
cccacgatt	cgctgaaacg	gaaacctttc	gcaaagcctg	tgcaggcaga	ggattttaca		120
cacatccttg	acgtggcact	gtgtcttcag	gggtgctgcc	ctcttacaga	gagacagatc		180
tggaggccat	ggccgttttg	gtgagaaatg	ccagaaacag	cttcagtttc	cacctactgc		240
ttcatattta	taatcacagt	aatctatttc	tcgnttngct	atttctagag	caacaaattg		300
tgtgatgcga	aattagtacc	agaggaacaa	tgactccact	taacaaaaaa	atagcaaggg		360
aactatgaaa	aatggcacia	ctgcttaact	ttaatagtgt	aagtcttttag	gagacttcag		420

tagttgaaat	gacacagaaa	aatcctcaaa	ctaacatacc	tacatgaaac	tgagtttctc	480
aaagtaaccc	acatttatgg	aaatagaagt	ttgnnttgca	gaaacatcag	cncattttgt	540
aaggngtatg	tgatatTTTaa	anttgTgatg	cttngngaata	agggaaatggg	gctntaggtc	600
tgaggaaaagg	ggagcattca	ttcaaaactgg	gaggggggttt	tgcatTTTtta	aggctgctat	660
aagggcacga	acttgngnga	gacttggacc	ngntttccgn	atgnatnggg	gaccntctgg	720
tctaagccat	tgggggngnc	nggactttct	ccaanattct	ntccaaacnt	gnctctctta	780
atttctccga	a					791

<210> 4203

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4203

ggnnnnntgn	nnntttcnaa	tnctngctac	tcgttctttt	tgaggatcc	catcgattcg	60
aattcggcac	gagattacaa	caatatggat	agtagggagg	aggaaaacaa	gaggagaatg	120
ggatcaacag	aaggcatata	tggggagtg	ctggatggct	ggaaaattcc	attttttgac	180
caagatgtgg	taaacacggg	gagtaaagtt	ataatttttt	ctcttactgt	gcttttaggt	240
tttgttgctt	tctgtctgta	tgctgtgttc	cacaataata	aaaatatTTta	aaaggcaaaa	300
aaaagtaaaa	taatgaatat	aaaattacac	tgaaactaca	tattctcata	gatagaattg	360
taattattag	agtTTTTtgct	gaataaagtc	aaatagacta	ttatagtagt	tataaacgca	420
agttaaaatt	ttagggccgg	gcaaagtggc	tcacgcctgt	aatcccagca	ctttgggtgg	480
ctgaggcggg	tggatcacct	gaggtcaang	tgttcangac	cagcctggcc	aacatggtga	540
aagcncntat	ctactagaaa	atntaaaaaa	tttncttgtt	ttttggnggn	ggggctcctt	600
taatcccaaa	ttactnnggg	gagggTTTTg	ggcaangaaa	aaatttnttt	caaactttgg	660
gnagccccc	ggtttnttan	ngggcccttn	naaatttttn	ccaattnccc	ctttcaagcn	720
tnngggggaa	caaataatta	aaaacnccnc	tttttcaaan	ttngaaaaaa	aaaaaaaaaa	780
naaaaatttg	gnnccttttt	aaattttngg	ggggggggaa	ttttnnngaa	aaccccccaa	840
tnnt						844

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4204

aaaacnacag	gctactngtt	ctttttgcag	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagttgaaa	tcctagtTcc	tggagtctct	tgtgatggca	aattctgcct	tccttgTttc	120
ttcttttttt	ctcctctgtt	ttcccatTTt	agtagttcaa	atggTTTTtg	tattattgaa	180
gacaggtatg	tctcaaatcc	atggaaactca	caaaaaaggc	tcatttttcta	tcctcaagga	240
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	300
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggg	gggcaggtgt	360
tgaaaggagc	tcatagattg	ttccaagtta	ggagagcatc	ataaaaaagag	atggaaattt	420
acttgctaca	gttttagatt	tgctctgtct	atagcagaga	gtccatttca	gagcatatag	480
ggattgtcag	gacttaaaac	ctgctgtatt	tcttacttaa	gcaccctct	ccccagaatg	540
ataagagccc	ancTTTgggc	cttggaaatg	gagtagaatg	tgggtatact	gtctatcata	600

tganaaaatt	gentngaacc	aacccccccn	cncncncaa	tgccctgcag	tnaaactggn	660
gaacactggg	taatatanat	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	ttnccaaaat	gtccccctga	anaaaaaggt	ttttgggggc	ttntttt	777

<210> 4205

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4205

nnnnnntnt	ttaagaccag	ctcttgttct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgagagaa	gctccactgg	cacttttcta	ttcacaaacta	cggggtgcga	taaggcagtg	120
agggttatta	tgataccctt	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attcttcttg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gaccatttaa	aatatactat	cctgattttt	aaagagaagg	taacattaag	300
gccnnnaggt	tngggatntn	nccaanttca	ctntgggctt	ctggactccc	atgccccaca	360
gcctgcagta	tgcanaaagt	tcctcaaga	gcctagttna	tgattctttt	ttngtgcgan	420
ganacagact	gtggacctgg	agagggttng	ggggctggag	aantagagga	gggtgganttt	480
ctacaacagg	ggntattgng	ggggtantaa	gaccaatgac	tacataaggg	cctnctgttg	540
gtcttngncc	agaaaaatgc	gtcttttagcc	ttttaacgan	tgcngtttnc	ctccattana	600
taaccagntt	taagccacng	gtgttgngnt	gggcaccatt	ccannngctt	tngggcncat	660
ggtnntntaa	accnaagtcc	ccctcnatca	anngttntnt	taannanggg	ngcctttgan	720
ntnttttttc	tttctctcag	nnngaangga	acntgttngg	gctnnntntg	cctttttggn	780
nnaaaaaatt	tttttttnc	gggttccnna	aaaancttng	ntnnnttn		828

<210> 4206

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4206

tncaatncng	gctctngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagtg	cctgatgttc	actttcttca	ggctcctcaat	ttcctacatt	taagctgttc	120
ggttaaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatttttg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggtggtaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttaacactaa	ttttttgata	ttatcaatta	360
tgagctccat	aatcagattt	gttttgtgct	tagaaatgac	tttttacagt	tggtttgttc	420
aaatccagat	cagataagtt	tcacacatta	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aagggccaca	tggggaagct	ttatggaatc	ttccaacaat	ttgtttgtcc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagtcca	agactgggca	600
acacaaagaa	accccatctt	ttggctgggt	gcggtggctc	acacctgtaa	ttccagcact	660
ttggggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttcacta	aaaattcaaa	aattagctgg	ncatgggtggc	gtgcgtctgt	780
aattcccgagc	ttcttggaag	ggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207
 ctaatnctng gctactngtt ctttttgcag gatccctcga ttcgaattcg gcacgaggac 60
 acccagttta agggacattc tgtacggtgc ctgaatggcg ctccctgaaaa ctgtgcaggt 120
 cctcaaggct gaggaagcg taaactgtcc cagaccaggg aggccaaagga ggcgcgatga 180
 ctcaatgtca tgtggtgccc tggatgggat ccagggacgg gaaaaggaca cttgggaaaa 240
 actggtgaag ttcacgcaaa gtgtccgggt tagttcagca tcagagacca atgatggttt 300
 cttggttgtg acnaaaatgt tccatgggtc gaaaggtgtc aacaccaagg gaagctgggt 360
 nagagggtta ccagaatcct ctctactgtc ttttcagctt ttcggtaaat ccaaaagtac 420
 tttcaaatga aaagttaaat ttaaaaatga gaagccacct ccccccacgag atcatgaagc 480
 tccatgaagg ccaaggccat gttaatgcc aatgcatgtt ggttgaattc actcgtgttt 540
 ggttgaattt actgatgttg gttgaattta ctgatgttgg ttcaatttta ctggatgttg 600
 ggtgaaatca tttcatgttg gttggaattc acttattact gnggtntcta ccattctngt 660
 tgcagccctc ttcattcttt ttttctnaat ggncaacaa ataantnggn tgtanttaca 720
 tatttattgg gngtntaaat ggnggataat ttaatatntt gtttttaaat gnnngnatna 780
 at 782

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208
 atnnnnnnntt tctaatacnn ggctactngt tctttntgca ggatcccatc gattcgaatt 60
 cggcacgagc aaataagtta aatgtatatg gcattggatt ggaattggag gtatcagtgt 120
 gaactcatgg ttttgggttt tttgtttttt gcctttttttg ttttgttttt gttttttgag 180
 gcaggggtgc actctgttgc ccaggctgga ngaaatactc annaacgana cncatatngtg 240
 tatcanaagc tgctacgcnt ntcattggntt tggtanngan cnacacagat agtcntnntg 300
 tattcancga cttannctan anagagacag natgggaatt aantgttaan gtgctagcca 360
 acaagtaaag attcncataa aacaanggtt atatnccag tcatacaagt gataaatttt 420
 ccctgctaac tttagattaa aaagtanttt ttangccann ttgtgngngg ctcacacctt 480
 tttntccctn cactttttng caggcntnan ggttngacna natccccttt nactnttcan 540
 gaantnttcn nnnaccctcc ccttgggcna nncantggnt cgnaaaacccc ccattntttt 600
 tccncaaaaa aattcccaaa ntctcgngc caccgggnnt ngnnntnccg tggtanccnt 660
 gattnttttc ncncttccan ccggnnnggn cncnacngcc ananaaaaaa ccttctntnt 720
 anccctngnn gaggcncnn gtttcncnat ngnncccnna aaattgggggt cttttagnan 780
 ctenttacc ctngccnnnc nganttnaan cnattctttn aaataaaaaa accctcctta 840
 ancttattat ngagtccgta tttncntanc aaccntacn tc 882

<210> 4209
 <211> 881
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4209

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nngnntnntn ntttctaacg ttggctctcg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag agaaagattt tctttattaa tgacccaac cgtatttctt tagatacagg      120
agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaagggaagt      240
gagggaggga agataaagaa aaggaattaa gttgatcaag tggaattctt tttttttttt      300
taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttcctcc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcat ctgggcgtgc gcggttcagc accttgagga agtcagacgt tttcgccgcg      600
atcgtgtgtg aatataggcc ttagagcact tgatgtggta gtgcaggtag tcccggaaacg      660
tgtggatcag gttgatgggtg tttgtctcga gcncncnnnn tnnntnntnn nntnnnnntn      720
nnncnnntnn nctcnnntnn nttnnnncnc tncctnnctc tnnctcnnct cncctcnnnn      780
tctnnncncn nntnntttct nnnnnntttt nttnnctctn nnnnnncncn ntntcnnnnn      840
nnnnnttnnn nncctttttn nncnnnnnnn ncctcnncc t                                881

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<210> 4210

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4210

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ggnnnnnnnt nnnttttaag atcagctatt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gatcacatct ctcaagtttt aaaatgggtt tttttgttgt tgttgatggg      120
ggggagaggg tccagcagct tttaaatgtt ttcacatcgt gtgttccaaa aataactggt      180
tagcctaagt cacttccacc ctccaatgtt gtgaatgcag tctctagcat tcgctattta      240
atgtcttctt cctgcactat ttgagaaatc gcgaggtcga cttaataacc cagtcgccac      300
ttcncggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc cgcgagaga      360
gctctgcta ggctgcgcg tcccgttcta aattcttacc ctttagttct tgtcaccacc      420
ccgcccgtgg gaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg      480
acccggaatc ggatcctagt cccaccccct ncgnccaggc tttcttctgc aacaggcgtg      540
ggtcacgctc tcgctcggtc tttctgccgc catcttggtt ccccgttccc ttgcacaaaa      600
tgcccggnga aaccacagaa acccgtccct gctacagagc angagttgcc ganccccagc      660
tgagacaggg tctggacaaa atctgacant gatgaatcnt cccagagctt gaagaacagg      720
atttcacca gcaccacaca acaagcccag ctggcggcag cagcttgaaa tcnatgaaga      780
ccatc                                              785

```

<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (839)
 <223> n = A,T,C or G

<400> 4211

tngnctnnnt	tgttanatct	ngnnttttcta	atncttggcn	atcgnantnt	ntgcaggacc	60
catcgattcg	aattcggcac	gagccgacta	cttgtgcagt	ttgccctgct	gagccctcct	120
cgccccggga	ggcagaaggg	gaggggtcct	cagcaatatg	ctgagcacct	cctaaacaac	180
atcacctgaa	aaangaacct	agangaganc	cattctcaaa	tctgaccttg	gactgagctc	240
gagagctggg	ttgagagctg	ggttgatcaa	agttgggatt	ttgctattat	tgtgacaaag	300
ggtccagcct	tgcagtccan	atcctgaaa	gcctgggaca	aggccaggta	atltggggag	360
tcctcctgc	atltgtgcag	gatgttcagc	ggcatccctg	gccaccact	atgatgcccg	420
cagcaaaccc	ctcagttggg	acatttataa	atgtctccag	acnttaccac	atgggacagc	480
attgnaccca	tttganaagc	accggttgag	agcaaatnca	caaatntnta	aaatgggaga	540
tttgggccc	ggngngcaa	gcctgtagtc	caatntcntn	ggaggccaag	gctgggagga	600
tcntttnatc	cccaggaggt	anctttccgg	nngggcgaat	aactgcacca	ntgaactncc	660
atattgaatt	gaacagaanc	ccangacnct	ttnttttttt	aaaaaaaaat	atntntntaa	720
naaaanaaaa	cttngnnncn	ttnttaaaaa	nttttatnng	gangtnggtn	ttaccgttga	780
anccccnncn	ttgaaaaana	aancatttgg	tttaagnttt	gggccnaaac	ccacancnt	839

<210> 4212
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (794)
 <223> n = A,T,C or G

<400> 4212

ggnnnnnnngg	nnnnttcnat	nnnagctctn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtttataa	atacttcttt	gtaaaagtta	ttgcacaaag	aaaagacatg	120
aatgtgtccc	tgttatgtac	tcacaaggat	aatgatgggg	ttgttgctca	ttatatactgt	180
ttcttgtgca	ataactttta	caaagaagta	tttttaaaact	gatcattaat	tttatgacca	240
cagaaatgag	atgcaaaatt	tatgctattg	tcagtggcac	aggctcacag	caccactgac	300
atlttgtgtg	attgtaatat	aatggctgcc	aactaatgat	tctgtagaca	tttcatttga	360
gtgtgctttt	ctttagatgt	gtgattagct	gtaatgcttt	cacttatgtc	tgtaaattat	420
attggatatg	tttacctgat	gcctattgtt	gatttggagt	tcagttttgt	attacataaa	480
tgcaagttga	actttttttt	tttaattttat	agaagtcttt	gcaggataaa	ctacaaatac	540
tcagcccttg	gggaggaaaa	atgctttgca	ctactcaaca	gtaacccttg	cgttcagtta	600
aaactcctta	taagacagca	gcttttactc	tttattgggt	cgaaaaaaaa	aatanggggg	660
aggaaaangg	gatggaccat	cctgggacaa	tggttaagaat	gaagaanacc	atcttggaag	720
aatgaggngt	ccttccctta	atgcaaggtt	aaaaaggggc	tnntccttna	tatatagcaa	780
tatagaatct	ttgg					794

<210> 4213
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4213

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nnttaaganc agctcttgtt ctttttgcag gatcccatcg attcgaattc ggcacgagca      60
gagaggcagg gataccagat atggggaaat ctgtaattac atgcaggcat taaatattta      120
aatatatatt ttcttctttt aattgtggta aaacacatat aacataaaat ttatcgtctt      180
aaccattttt aagtgtactg ttttgtagtg ctgagtgtat tacattatta tacaaccaat      240
ttccagcacc ttttcatctt gcaaaactaa aactctttac ctattaaaca actactccct      300
gtttctccct cctcccagtc catgagaagc accattttac tatcttttct gtgagtttga      360
ctctacaaac ctcatgtaag tggaattatg caatatgttg acaaaccaaa ttctgtacaa      420
tatttaaaga ggttttagtct gagccaaata tgagcaacca tggcctagga cacagtctca      480
agaggctcctg agaatatgtg atgtgcctta ggtagtcagg tcacagcttg gttttgtcat      540
tttagggaga cagaagttac agacaaagac atacatcaat acccgtaagg cacatgttgg      600
ttaagcctgt ggaaagatag gacatcttga aaccaggcca tcacatgtca cangtggatt      660
caaagatttc tgattgggtg aaaatctttg gttgggtgna agaagttaag ctttgnctaa      720
aggcttggaa gtcanggaga aacaattgct ttgagttaaa ggtaangggg gtgng      775

```

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

```

tnnnntttcn aatactngct atttgaactt tatgcaggat cccatcgatt cgcaaaccgg      60
anatgggttn tttttcgngg gggngggang gaacanattt gcattaacaa ctactgngaa      120
ttntccatnc aangataatc tcncatgtcn aananceent ttnttaaant nngaattggg      180
ttgggcttat cagaatannt ntttattaga ggcttttttn caaanntcac nggttncacc      240
tgnaancccc cataatnntn tttttaanct gctgntctan ggatgagccc canttanttn      300
ntgcaagnng ggananacnn nntgtgtnan tncanatnnt ntgctngaac cngnnactn      360
nttcataact agctngance catttcccg gnacttcggn cgntnmannt tnttangecc      420
gccnaacca atgantaggt gaaaaggacc cncatgtnac cccaangna tanaccccat      480
atttccatga antannacct tnttctgtng ggatgcccc tcttagaanc tntgggncat      540
gngagngna agccctgagc atttntntna acatgcctac ttactnncn aanttgcna      600
ggantgtgnc ngtgccantc catgaatggg gtanggcgca gatccnecga aacagcccan      660
ttgntacca tgagatatgg aatnttctn nctatggcaa antaatggcc natttncaaa      720
nttngggaca aantgaaagg acttgtgttg ctnggcnnna aaanaggng ggggggtggg      780
natttttaan aatcctt

```

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

```

ggnnnnnnng nnnngttcna atgcttggca atcgntntnt nggggnncn tcgagacgct      60
ggctccttta tcagatatta ctggatcatc acctgtgnag gctntntgtt taatgatnnn      120
nancatttga atggcaacag ntgcgnatgn atcctgccta naancacnct tactcgntan      180
nnannttggg gtgtgcntgc ntctantnnn cnanatcctg tgcacacatc ggaatttnan      240

```

tagaancagt	acagnnnctt	angcagnata	aaccatcctg	nggnnanana	tgacacnctg	300
cnngacntat	tnnnnnncnca	nnntnatggt	gntgggcncn	gnaaaggnet	tgaaacangt	360
cgtatgnncn	tnacanggca	ccngctaat	atgctactgt	gtnaacncag	gnnatgagct	420
gcagcnttgc	ctnncttacn	antgctcact	gggtgtgaag	gacctgcttg	tgaggttntt	480
gttngccttt	tnctggactn	annntaancc	nntacnaang	ccngcattgt	tcattaccan	540
tngccttntg	aantntnana	gnagatgnca	ttgggacnaa	tnggacagtn	taaanganna	600
ccgcttngat	ggagnggacn	ngaategttt	cttacntcan	ggggccactt	tattaanatg	660
ggngaaacttn	ncacntnnng	ctcctangcn	cttccaaggt	naccttnggg	nnccnntggg	720
gaattttaaac	aantncacaa	nggtggtctg	aaaatcttcn	nnggggactt	aattnaaaga	780
aattnatctg	gggttttccn	gggggttcac	ccangangtn	ttnaactttc	ncannccnna	840
nnttnt						846

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4216

gnngnnnnnnn	tttгнаacnt	tgctaagtct	ggctactcgt	tctttntgca	ggcatcccat	60
cgattcgaat	ttcggcacga	ggttgtagca	ataaagtttg	caacctacag	caatagccag	120
tcaataaagg	aatgatgct	gatgtagcat	ttatgagcct	taaaaaacaa	acaaaaaacc	180
ttaagatggt	aaattttattc	caaggattct	ttttttttgt	tgtacatgaa	tgttcatatc	240
aggtttattt	gtaatagcca	aaacagtata	cacctgaatg	cccaccaaca	agtgactaga	300
taagcaaagt	acggtacatg	gatatgatgg	actacctcag	agcaataaaa	aagaatggac	360
tattgatata	tgctacaaca	tggatgattc	tcaaaggaat	gacgttgagt	tcagaaagca	420
agacaaaaaa	gtacattcta	tatgattcca	ttaatataaa	ggaatatatt	atattcaagg	480
aatagtatat	aatataaaag	gaatattttta	tattcaagga	atataaatga	atataaatga	540
tataaagcag	atcagtgatt	gccaggagat	gaggtggaga	agtagagagg	ggaggaaaga	600
agggtattact	aaaggacatg	aagaaacttt	tggggataat	gtttatgttc	actattttga	660
ttgggctgat	ggtttttacat	atgtatacat	atatcaaaat	gtatcaatct	ttatactatt	720
aaatatgtgc	agttttggtg	taagtcaatt	atacctcaat	gaaacctcat	taaaaattac	780
catatttttg	gggatctaaa	aaaaaaagnc	ttntagaact	tanntgagtc	gtnttcogtn	840
gattccagac	attgataant					860

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4217

gnnnnnnttgn	tcnaaagccn	ggnaaggaa	ctcttgnaac	ncccnngca	ggatcccatc	60
gattcgggttt	tgccccctttt	tagcctccca	gagcttcgag	gactcaattt	taaccgaaa	120
tctgcccng	ggggaggggt	tgctgcgaga	cctgggcccg	gggaggttct	cctgcgtcac	180
tttctgtcct	gaaaggcgcc	cttcttggtt	tctgtggctc	caattttcta	tcagcccca	240
cacctcttgt	tgttttgatc	ctgagaaata	aaagggaggc	tgaattattc	aaatttaa	300
gaggtttccc	cttcattgaa	gtgctgctga	cccttcgtgc	agaaatgggg	agcacttgag	360

gacacaggtg	ggtggaggcc	ctttgtgcgt	ggctggtcgt	attcgggcag	ccctccgtcg	420
ctttttataa	aactttgngt	gagaagaata	tattgataat	gtcagtgaaa	caagcagaca	480
ttgaaatgga	ggcacagatt	actccacaag	gagttcttct	gtatatTTTT	tctagatgca	540
aatccnttta	atatgnaatt	aatgtaagnt	ttctagctta	tatcgaactg	ggngnggcac	600
gggggacact	gtactggata	agntgggcan	acatcctgag	nncgaatgcc	tgaccacgga	660
aaatatanaa	tttattgctt	taaaaaaaaa	aaccacctna	cangggcgna	cnac	714

<210> 4218

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4218

gnnnnnnnt	tttnaacttg	caatcgctgg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	ggctagctat	attagctggg	gttcccccca	aaagcaacat	120
tggagaagga	ctcatgggca	gatactttct	tctggaaaat	gatcccgtag	gatatgggta	180
gaaaaagaaa	ttgggaccag	aaagaatgaa	acaggaaaaga	aagaaagcct	attgaaggat	240
ataaaatttc	tgtaaacac	tggagcttag	tcccactgag	gccccctgag	gaactgcgca	300
gaatgtaaga	cagaggagga	aatatttagc	caccagttcc	tatctcccat	tggccaactt	360
gatgctgagt	tcaggagtgg	tggctcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tgggtggatc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagacccca	480
tctctacaaa	agaaaaattt	aaaaattggc	tatggaagta	tgaaggata	tgctgtagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	cccctgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaactc	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaagtc	agtgaaaaaa	780
atgctttatt	tgngaaattt	gnnggatgcta	ttgctttatt	tnngtaancnt	ttttaagctg	840
caattaaac						849

<210> 4219

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4219

gnnnnnnntnn	naaancagct	ctngtttnna	aaanantgct	acttgttctt	tttgcaggat	60
cccacgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgccca	120
agtggatgag	gcattccttg	aggagtatca	ttttccctga	caatcccat	caccttagg	180
ggttccctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	gggggcccgc	ctggtagagg	gtcccgggaa	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtggtcac	gtctgggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtgaa	aaaaatgctt	tatttgtgaa	atttgtgatg	540
ctattgcttt	atttgaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtggggangg	ttttttaatt	cgcgggccgc	660

ggcgccaatg cattggggccc ggtacccaac ttttgttncc nttaatgagg ggttaattgc	720
ccccttgggg gaaaanatgg gcatagnttg tttccttggg ggaaaatggt attoccttca	780
cnaattccac acac	794

<210> 4220

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4220

atanagctat tgttcttttt gcaggatccc atcgattcgc gcccctgcat gatggcagcc	60
gcactcctgc ccagagtggg gcctgggacc ccaacaaccc caacacgccg tcacgggtcaa	120
cccacaatac aaccgcgaga cgccagggac gccggccatg tacaacacag accagttctc	180
tccttatgct gcccctccc cacaagggtc ctaccagccc agccccagcc cccagagcta	240
ccaccaggtg gcgccaagcc cagcaggcta ccagaatacc cactccccag ccagctacca	300
ccctacaccg tcgcccattg cctatcaggc tagccccagc ccgagccccg ttggctacag	360
tcctatgaca cctggagctc cctcccctgg tggctacaac ccacacacgc caggctcagg	420
catcgagcan aactccagcg actgggtaac cactgacntt caggggaagg ngcgggacac	480
ntacctgnat acacaggggg gngggacaaa acagggtgta tccnnnagtt gncacnggta	540
cngtgggggc ccaagngtgg gnggnntgaa acagntnttt tttttnttt gnttnccccc	600
ttaaaattgg ganaananna ccttttncc caaaaatggg nganaacccc aaaantnggg	660
caaaaaactt ggggatttgg gggaaaaccc ttaaangggg caagggggga gcntttnttg	720
aaaccccaaa nggngggnt ntttacctg gatttaancg ggggaaatna agggangggc	780
tttcctttgg ggaaagggan aaaattttgn gcccaaaaac cttgt	825

<210> 4221

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 4221

cgnnnnnttg ttgaaanagc naggctactn gttctttttg caggatccca tcgattcggt	60
ttcttgcaat tactatgctg tccttcttat cactacctgt tggctgaggt agtgataggg	120
ctaaatgatt cattatctta aatgtactaa atatgttgag taattttttc ttctaaacta	180
acagaaagag agaacctagg agttactccc ttaggctggg taaagtgaag ggtagccaag	240
tcaaccacgc ttgtttcctt ctctcattag gaaagaacta ttgttcattc tcataacaca	300
ctttttccaa ttgcaaacat actcagggtt aaaatagttt agcacaaatt gcagcccatt	360
tcatttggtt tcacaaagct ggaacttttc ttgtaagcta aatattaaat ggttcaagta	420
aattggatac ataagcctga aactaggcgt ttctcattat acatagagta taaattaaga	480
cagacttttt catggtgaaa ggtttacagc ctttaaaaca tctgggaaga agtgggaaag	540
tagggaataa ctctgttaaa tatgataaaa gacaaagcac caacaaaggc ctagttctaa	600
acttggtata atttctcatg gggaagtttg ngggttgtca caaggttatg ggcggtccca	660
agcaagttta ccaatatttt tttagaaata atnacctccc cagaaaatat ttttnaaaaa	720
taagggaccc tttcntttta atatggnaaa ananaanaan ananaannnn nntnnnnnnn	780
nnnnnnnnnn nntnnnnnnn nnnntnnttt ctnnnnnct	819

<210> 4222
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4222
 naataaccagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg cacgagaagg 60
 ccttaggctt tttttttgta gggtagaggt gggggagaga tctcttgctc tgttgcccag 120
 gctgggtctcc agctcctggc ctccggcagt cctccacact cagcctccca gagtactagg 180
 attatgggca tgagccacca cacctagcca ggctttttat attgagttgg ttatatatgc 240
 ttcatagcca cactttataa tattggagta tagtattaaa ttacagcttg ttgtcaagtc 300
 agtgtttctg taagacagta tatccaatat tggtagaggt aacacctatt tggtagataca 360
 gatcaacagg gtgtctctga ttaatttagc tcctacatag ccagaagcaa gttcattatg 420
 atttagaata ttgtacatgg ttatgcagga atcatcccaa cctatctgtg tttataggtc 480
 agatgatgtt cagtttataat ctgctgatag tgtatatgca ggaaaaccta taaaaccact 540
 tcagacttgt taaaacagtg agaaagccgt gattgaaata ttaatacaac ccgtgtggta 600
 taaatttcat ttacantggg aatgtaaatg ctgtcatttg aatcttgnca aagcctgcta 660
 ctaaaactct taaaancctt gctaggggaa taagtcttta ntnccaaaaa caatatanan 720
 ggggatgtgn gtggataata caaggacaac catatgttgg tggcgt 766

<210> 4223
 <211> 873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(873)
 <223> n = A,T,C or G

<400> 4223
 gnagnntnnn nntttgnaac nctggctact ngttcttttt gcaggatccc atcgattcgn 60
 attntgaaca agctgtntcg tgtgtacagt tgctgctgtg attgagccag cagtgccttg 120
 nctgcccctg canngtctgc acagctccca ctgcttctat nngntgttgg gcncgtgagg 180
 catgacttgg angggggcct ggtgcctgag gacctgctga agagaatgct caccaccagc 240
 tctntgntnc cctttctgct ttggnaatca acacgtgtnt gctgcagtg gccnggaccg 300
 tgactgtttc tgcccttggt cctagttaan agccttcaaa agcataatga acactttnga 360
 tatgatattg gaactttagt aaatgcttta ctccctctc attgccnca aatgccttaa 420
 tnttgtggac tgtttatttc aacagggtga agtgttgggc ntgcgaaatc ttggtnttcg 480
 catttcaaga agggagtgtt ttattanttc ttctttctat ggaacgtttc aagtgattgg 540
 atntaaagaa gggctctgaa gcaggagttn ncacctgctc tgagggaact tggggctcca 600
 gggacgtacc ccaaagtgtc gccagnttt gaaactccct gacagcctgn tactacntag 660
 tgggctcgag ggtttncann atgaagaaga gttgtncccc taaaagtggg tgaaaccctg 720
 tggctttcaa agcaaaggta cccnttgctc cancattntt nncggnaggt aggggnetca 780
 ttggaaaacn tgtngggcaa ncctgntggg ttttggctcc cctgntngt nacaatnggg 840
 acctnttttt gaacngtnng gaangggcta nnt 873

<210> 4224
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4224

caaancagct ttongacccc ttccggaccca tccgattcggt gctctatgtg atgtttatta	60
tcaaatacat ataattttga agatttttaat gaatgnntta agattttatc tttgtgtaga	120
atgtggctaa agaaacctta gttgagattc aagaagttgg tgtctgtttc tgattcttat	180
cacaacttgc tacttagtgt ctaccaagtc ctccacctct ttgctcctca aagagctgtg	240
aaaaatgatg gcaggagccg gtacaacacc acagacttag agaagggcac agtgctgctt	300
tattgaatga tctaccaagg taaaattttg ccgggtcaag aaatagcaat ttaatccatt	360
taaaggaatg aatataattt gaaacattaa cttattttca gactaacatc tcaaagtgtt	420
gagacctttt ttaaaagagc tttctggatt ttgagcatac tttcactggc tgtgatttat	480
aagaatttgt ggtttgngga gtactgccta aatgccaggg taaaataagg cagncccatg	540
ccttacctgc cctgggctca nggcctcaca tctttttggt acgcacatct tttctcttct	600
cccttgntct gctctccgc agcatatacc tcttagcccc cagagcaaan nnnnanaaaa	660
nnannngnnn cnnnnnnnnn ttnnnnnccn annnnnnnnn nngannnnnn naaaaaacnnn	720
ngcctttnaa ananatnggg gggnccnnntt nccgnnaacc cccacnnngt nanaan	776

<210> 4225
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

<400> 4225

gagtnnnnt tttgnaacct tgctaagtct ggctactcgn tctntctgca ggatcccatc	60
gattcgaatt cggcacgaga gcagattcag tgtcgatgag agcctgcttc ctgcttcata	120
gatgatagaa gtgcaaagcc agctgtctgg gcctttttta tgatactgat cccattcatg	180
aatgctctgc cctcatgac atttcaattc ccaaaggccc caccctctaa tattatcaca	240
gtgataattg ggttttcaac acatgaattt gagagaaaca cattcagttc ctgacattag	300
cttgcttata tttatttcat ctcatctctc ctcatagctt ttatttttgt tccccctgtc	360
caatttatta tagttttttg tctttttata acttttaacc atcttttaaa tttctcttat	420
ttattttctc ttttactgtt gagttacaac tctcggctta ttcagtggca aagcaggaag	480
agatggcact gaggcattct gatcctgaag gatcctttta ttcctcttag cagtcttaac	540
attttttcca tcagccccctg ctatagtttg aatgtttgtg ttctctttta aatccatgtt	600
gaaacttgat ctccaatatg acagtggtaa gaggtagggc cttatatattg agagcactac	660
aggtgtagta cactcaataa taatgnattg gatattttaa ataactaaaa ttgtataatt	720
ggaaatggtc cctaacccca aaggaaatgg ataaatgctt ggggggttgat ggataccccc	780
aattaccct tatggngant catttacata ttnaaatgnc ttggatcaaa accattcacc	840
ancattcccc accattaaat gntntnnn	869

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4226

tnaaaataca	ggctacttgt	tcttttttgc	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgcactg	cactaaaaat	120
caactcagct	at ttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cactttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	240
tttttttttaa	gcggtctgtgc	tgaggatgag	ccccatgtag	ttgggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	360
cagcactttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagttagct	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaag	ggaagcgaat	aggctctgta	gtagggtggca	aaagggtggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaacc	ctt		763

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4227

gnnnnnnnnn	tttnnaactt	ttcaaatac	ngctacttgt	tcttttttgc	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccgag	cttgggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccatggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tctgagcct	gatggttgta	agagtggaaat	240
taactgccct	atccaaaaag	acaagaccta	tagctacctg	aataaactac	cagtgaanaag	300
cgaatatccc	tctataaaaac	tgggtggtgga	gtggcaactt	caggatgaca	aaaaccaaaag	360
tctcttctgc	tgggaaatcc	cagtacagat	cgtttctcat	ctctaagtgc	ctcattgagt	420
tcgggtgcac	tggccaatga	gtctgctgag	actcttgaca	gcacctccag	ctctgctgct	480
tcaacaacag	tgacttgctc	tccaatggta	tccagtgatt	cgttgaagag	gagggtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggt	tctcagtgg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tggtagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaatttac	tcttggaata	aataaaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	ngggggggccg	nntttacctt	anaatcccg	840
accttggatt	angnatnccn	ttnt				865

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1228)

<223> n = A,T,C or G

<400> 4228

ggcngtncc	ccttattgga	acctttctaa	tgctggtnta	ntccangtac	cnntcgtacc	60
cacgattcga	attnggcacg	aggetccacc	cagttctccc	agttcntnat	ggacgactcg	120
ctactgctgg	cctngggggg	gttccctggg	ccgcacaact	cctnatccgg	cgagattgct	180

```

gtcatcagcc tanactcctt cgcgctgctg tcccgcntgc ggaacaagnc ctatgacgng      240
tttggctggt ggctcaccen ngaccagcct catcttnngg aacctgcacc gnattgnana      300
tatnacctnc tgctntgtgc tgnngcttaa cnttgnctan aacnatgtgg agtnngagaa      360
cgtaacgng gtgaagcngg ctgnttaaga tccanaacct caatgncngc nncgtccgca      420
cgggtgatggt gggccgncctg canccgnttc nacagtcctg anttaaaaca gttngccta      480
ccnnncaaan ancnatncat antnctnatn tctntntttt ncttcaann tnnctctcn      540
ntacttanaa tttcncttnc naancntttt cntnnttttn tnntancntn ttctnnctcc      600
tcccnntct ctatcntgan nttcanntan tcttnnnnta ctacattctt canttcatan      660
tcnctcanan ttnnnctcnt annntncatt atccttnta ncnanactc ttatcacctt      720
cgcanacanc tantnnctn tcacncnctc ttctaataa catnctctct ctgcncatc      780
tctnacnctg taacntctat atntnnttcn ctgcatnctn aataatata ntacactcan      840
nacaananna canacaccnc tcatnttcat acttntnaan nctcncctcc tcatntnttc      900
tcgtcttnta catactcaac tactctatat ancgtnagcn cnggnnatct ctncgaannt      960
tctcnctcac ttnagtacac attntatcac tntcacttca tntcncgtct ccttctaaca     1020
nnnccattac cntcantngt gntnttnnct cnetcactcn ctntacatca tnnactnntc     1080
tantcatgct nanatatang tcncttcana tacnncgnta ncccnngnat nttntctcan     1140
aaccacnnt ctatntttat tttcgtacac tgcaatcnca taatcttcgg catcnttcca     1200
tccgncatct ncnnnnnata tcanntnt                                     1228

```

<210> 4229

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(920)

<223> n = A,T,C or G

<400> 4229

```

gngnnnnnt ttgnaacttg ctaatgctgg ctactngttc tttttgcagg acccatcgat      60
tcgccaacat ggtggtctca aactccccac ctccaggaat ccacctgcct cagcctccaa     120
aagttctggg attgcaggag taagccacca caccgctcct cagtgcctgg acttctgcag     180
tggacttcct ttaaaaatcc tggaatatac actgcagtag aagaacaaag catacttcag     240
tcgtttaagg ctgagggtatg ctttggtctt ttactgcagt gtatattcca gccttaaacy     300
actgaagaag aatgtcaagt ggggaagtgg ctttggtttt cagtttgtgg gttctgaatc     360
cacacaaaga caggattgct ttctgaaaac ctgaattaat tattgtcctt acctcaataa     420
gacaaaaaat tagaatcaaa atcgtagta ttacagtcac agatatcacc aagattagtt     480
tggtgttata gccatatcct ggaacttctt tcgtgagcta aaaaaaanaa nanaaaaaaa     540
nctngagcct ntagaactat agtgagtcog tattacgtag atccagacat gatnngnatn     600
cattgatgaa ntttggaaca accncaact tngaaatgca tttgnaaaaa aaatgcttaa     660
tttgngaaa atttngggga anccntatng gctttcantt tngnnanccn nttntnnntn     720
cnnggccttt anaccnangn ttanctacca accnaattng nnattnnatt tnnantgggt     780
ntnnaagggt ttnaangggg ggnnaangnt tnggnaagg nttttntnaa nttnnnccgg     840
gccnnnnntn ccnaantnca nttnggncnc cnngccnccc anantttttt gnncctntn     900
tatngagngg gtnaannccct                                     920

```

<210> 4230

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4230

```

gnnnnnnttta annnnnnnnnn ttttnaanat acaggctctt gttcttttttg cagggatccc      60
atcgattcga attcggcacg aggtgattcc tatttcaata tgtgaaacac ttaaccaaag      120
aatatatttc gatgaatctt aaacttgcct taaaaacaga agaggttaaa aagaatttag      180
aaaaaataaa gtttttagagt gtttgagaat gtgtatataa aatattttca aagccataat      240
atggatgctc ttatggctca gaagcatgcc tactagaaca cgtctcggaa tgagagatgt      300
ttaattctgt cacctcccag aaagttttgc agggtttctc acttgaattt gcttcccttt      360
gcaacctctt gtcctgaagg ccccttccc acctggaaat gctgaggcat ggggtgtgata      420
agaatcagtc attttgaaga gaataagatg atgactttat taacatttcc atatatgctg      480
attgtgtgtg tggcggggtg ggggctgggg tggaggctta aggcaaaagc tagaattagt      540
catatgaatt atgggcttgt ttggagaccc acctgaggct canccctagc cctcaccac      600
ctggggagtt tactacctg gggcccccct tgnccatgcc tccacttcca aaacaattca      660
attgcttttt ttttgggtnc caaaataaaa ccctcagcnt agcttcttgc cnannnnaaa      720
annnnnnnnn nnnnnnaaac tcganccctn taaaaactat aagtgagggtc ggttttaccg      780
tagatnccna accttgataa gaaaacattg      810

```

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4231

```

gnnnnnntttt caaatacngg gctcgtgct tttgcaggat cccatcgatt cgaattcggc      60
acgagagtca ttacaagtta ggatcctggg taaatggcaa cctccacctc ccaggttcaa      120
gcagttctcc tgctcagtc cccacatag ctgggactac aggggcacac cagctaattt      180
ttgtattttc agtagagttg gggttttacc atgttgacca agctgggtctc aaactcctgg      240
cctcaagtga tccgccacc ttgacctctc aaagtgctgg gattacaggc atgagccatc      300
acgcccggcc acgctgttgg ttcttaatga cacagcttaa ctttattgtg aaaagattgc      360
agcaacaaat gagattttac ctgtatttgt taaaaatgct tctccttgtc taagactggc      420
aacataagca gttcttaggc ttctatgcca atggacacta ggcagtaata catgtgcagt      480
gctaatagaa aatattggag taagggtgta ctaaggaagt tctcaatctt tccccttcac      540
tatcttctgt aatgtaactt caataaatgt gattctcatc ttggcacaaa attgggaaaa      600
aaaaaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntcnggcct ntaaaacttt      660
aggggggtcn tttttccntn naccnncnc cttganaang aanccttng gnnngngntt      720
ngggcccanc ccccaacntg gaatngnnng ngaaaaaaa aggnnttttt tnggnaaaat      780
tngggngngg ctttngnntt ttttttnnan      810

```

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4232

```

caaatcnng ctactngttc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc      60
atgcccggt aatttttgta tttttgtaga tacagggttt naccatgttg gccaggctgg      120
tcttgaactc ctgacctcag gtgatcacc gcctcggcct cccaaagtgc tgggattaca      180

```

```

ggcgtgagcc actgtgacgg gccttacatg caatttttat ttatagccag tattagagaa      240
ttactaggaa atttcatttt tatatttagt gggagaaagc catctacagc atgtcttcaa      300
gcatggacta tctgtaacat acagtgtgct tgcttttgaa ttgnttgant gttaaattggc      360
cgtaactgat tgnatttttcg ttaattgtta atanataaac cagatgttct gaaatctgtt      420
cttaaagcag ntgcctctca tgggtgntttt gcctncctgc ttctgagcct cttgggntta      480
ctggagagta caggtcataa agagacctga actcttggtg tatcaaccat tatgtcatcc      540
tctnactgcc aacatttttna aacagactga ggtntgcctt tcgtaanaaa catntactta      600
catattgcc a ttccttggtt tacctggggg aaagcccnaa tcgttnttag gacttnanan      660
ggaganacac aggtctnttg aaanggatgc cgggggctta atnaaataaa aaacttttgg      720
ntcaataana agtctgggnat taaaaacaan attaattcaa catttntggn agaaggnacc      780
ttggggcngg gaat      794

```

<210> 4233

<211> 927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (927)

<223> n = A,T,C or G

<400> 4233

```

nntggggntt tcnnnnctng ggatactntc tctctgnagg ngncgatggg attcgaattc      60
ggcacgaggc ggagnaagag gggtngtngg ttggaaggag gaattctcct ttagggaaga      120
tgtctgggaa ggnctntctg agagagtggc ctttngaaag gagaccctaa ttggntgacg      180
gatgagaggc tgaaccatgt aagtatctgg ttggaaaaca ttncagcgg ctnacanggg      240
tntgtgcaaa ggcctnttga canggtcacc cnnngttaca tggccncct nagccagcct      300
nntaaagnaa agggtnctat naacaaattg cnnaaancct nnnnaggttn gncanaggag      360
ggagaggcnn tggaatgttt tgctngaata ggggttagtag tgccctnca tgattgacca      420
gttccccctc tcnanaatgt tncctnactg nccaggttt atgtagnngg ggnctgcctt      480
cccatanttn gncctctctn tancctggnc cntgggntgg gatgaangtn catccganna      540
cancctttta nagttgccc nctgtctcna ttncannatn acccccnng aaactttgtc      600
tcccnancac cccaaggatt tcccttnggg tatcgnccnc anaanaaagc aannngtngg      660
atcaaantaa tgggcnccca ncantttttg aattatncta cncctgnaga ctcccnttca      720
nttngcnttt taaaaancn cttttntnn cgggntnggg tgcaantnnc tcttnaaatt      780
ctaaacnnat cttggnnacc cccnctaaa cntggnnnng gncctctaan ctttccnact      840
tcaacaaaan ngtgaantt catattatct tncattttgg ntctntaang acccnaatgc      900
nngngntat nannncanan nncnnn      927

```

<210> 4234

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4234

```

ggnnnnnnng nnnngtnana cccccnnnnn ttttcaaant ctaggctact cgttcttttt      60
gcagggatcc catcgattcg aattcggcac gaggttttagt cttgtagctg tatagcattc      120
cattgtataa cttataattt atttatgggt tgtactattg atgaacattt gagtagtctt      180
cagtttgga ctaccacata tgggtgctgt atgaatactt ttgcacagg atgtgaacac      240
atgtacacat tgcagttggt atatatacag tactgaatta ctggcttata aatatcatta      300

```

aatttttaaaa	acaaaatttaa	ttgccacaag	catattatttg	tatcttttgaa	ttttaaacca	360
aattaaaaat	tctatgagtt	gttgaatatt	ataattgtac	tattaagttt	aaattgtctg	420
tgactatagc	tataagacga	tgcccatggt	actttgaatg	gcaacactag	caaaaataata	480
ttctaaggaa	gagggacang	ttttggggga	caactancan	tgtctgtagc	ataatataga	540
ctacaaattg	attactatat	cacccatgaa	tttagctcag	actcaaacac	aaatttantt	600
tcttttaaaaa	atagaaagtc	catttatntt	taaatggggc	ctgattttcn	nanaaaaaac	660
nnaaaannan	aaaaanccgn	cccttttaaaa	ctatagggga	gtncgttttn	cttnaatcca	720
gaacttgata	ananacattg	ttgagtttng	gccaaaccac	aactagnatn	gcantgaaaa	780
aaaatgcttt	tttttgggaa	atttgggat				809

<210> 4235

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(853)

<223> n = A,T,C or G

<400> 4235

agngtnnnnn	ttttctaacg	ntggntactc	gntctttttg	caggatccca	tcgattcggc	60
acaattggta	ttcaaaccce	agtctgtttg	actcccaaac	ccatactttg	aacctgaagt	120
ctgtactgct	gaaagtttct	ccttattgaa	gaatttatat	tttgcattaa	tttatgtctt	180
cagaattata	caaagtattg	ggccacacca	aatttgagtc	tggtatagta	gccttcttgt	240
aaaaaattat	atcatataac	atttttatga	ctgtgaagac	ctcttaattc	ttcaggaagg	300
agggcccttt	ttcaaatacag	acatcctggg	gtttttactg	accttatttc	attctctgaa	360
gaatgaagga	atttccact	ttgtagtaag	tcattggaatg	tatagcattc	cttctatagt	420
tgaaccagat	aaatattagc	aagtctgttt	agaatatgac	actggaagtt	ttttcctgtc	480
tttttttaaa	agaggttttt	ggaattatag	tcaatctgaa	acttggctct	actaataaag	540
aagtgaacc	taagtgaact	cccttgctcc	ctgatggctc	ttggtataag	tctcacttaa	600
gtttctctga	cgattttcag	ggttnatttt	tgtgagtgtg	ccaaggaacg	gtgtattttg	660
atttgaatac	tgaatggntg	gaggtgtgtg	ttggaagcaa	tagtctgaat	ctttttgggg	720
gtnatatact	cctttttgaa	gctgatgaaa	gcttnggnaa	acntccana	aaataaaccc	780
ttaatccngc	ncatnaaang	gaannttngc	atttcnnntt	tnngcngacc	cngntnaata	840
tncaattntt	nnn					853

<210> 4236

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4236

nnnnntttta	agancagctc	ttgttctttt	tgcaggatcc	catcgattcg	cttgctcatc	60
ctcatttggg	aaactgctac	gttaaatgtt	tcaggatatgt	ctgattgacc	tgggctgctt	120
ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaaggc	aaaggttctt	tgggaagtact	180
caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacacccatc	agtctcttca	240
cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	gtggctctgcc	300
aaatacttgc	tcaaactatt	tgacattttc	tatctttgtg	ttaacagtgg	acacagcaag	360
gctttcctac	ataagtataa	taatgtggga	atgatttggg	tttaattata	aactgggggtc	420
taaatcctaa	agcaaaaattg	aaactccagg	atgcaaaaatc	cagagtggca	ttttgctact	480

ctgtctcatg	ccttgatagc	tttccaaaat	gaaagttact	tgaggcagct	cttgtgggtg	540
aaaagttttt	tgtacagtag	agtaagatta	ttaggggtat	gtctatacga	caaaaggggg	600
gtctttctaa	aaaaagaaaa	catgagcttc	atttctactt	aatggaactt	gtgggtctgag	660
ggtcattatn	gnatcgtaat	ataaagcttg	gatgaatggt	cctgattatc	ttgagaaacc	720
agatnttgaa	aaattgnggt	cgggccttaa	ataatttcgn	tgacatgct	gncataactt	780
aaaatat						787

<210> 4237

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 4237

nnncgnngtn	ttnaacnnc	agngnttttag	ccnagctatc	gntcttttatg	cngganccca	60
tcgttcnaat	tccgcacgag	aaancatcaa	ggtggctgnt	tgnnagcant	gatgatgacg	120
aatctgattc	tnangatgac	agtaatacnt	naaaattnaa	ccncaanttn	ngggcngagc	180
tggacaanaa	ggttnntgaa	nactnaanat	anttagactt	ncctnntgtn	ctnatTTTTT	240
gacataggtc	ctnaaatctg	gntnaangca	ggcgccccctt	atcctacntt	atntcatcng	300
ggngtctant	aggagagtga	ganttntgtg	atccnntntg	attgggncan	nngtagatgg	360
aggcggtca	cataccaatg	ttggaatnta	agcagtgcgg	ggaggtntac	atnngcagtn	420
ctctccncaa	gctaattcnn	ggngcagggg	cnatnatnca	tggttnttgt	ctgtctgtgg	480
aaacaatgna	tttangcnnc	ccnnctggca	cnntcgacag	atcttcggat	gntgctcttg	540
tntctaaaaa	ctgggtgtcn	agangaacac	tgatgtatgt	anatgaaaaa	aaatnctngc	600
ttaggganng	nggaatcttg	ctgaangaa	aaantnaaag	ncctngantt	tttttncaan	660
ggntntttgc	naaaataann	ttaaacgaat	tgtacnnaac	acntgaaacc	gtangntggg	720
ttttnanttt	ttnggggngn	tnaaannntt	ttgggtccaan	nnnggcagtg	nccttncccc	780
tttctatttt	aaaaaaggnt	tcggtancnc	aaaangaat			819

<210> 4238

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4238

gngngnaaca	cngaananng	aaaccnanna	aacggcncna	anancnggna	aanacangcn	60
ncggncncng	ncangaaccc	nttgcaacnn	ncctntangc	aganccccanc	ganncgngtc	120
ngnaangccn	gctgcntggg	aggccagggg	caggnttaaat	tcnctngana	nnnagancag	180
gnngaannnn	nngccgggcn	gggnagaagn	nnaacggaca	atgncacatt	caaagcanga	240
nccaccana	nagcgnagca	nnggnngaag	ccaggggaang	gacncnctgn	canttggaana	300
actngggaag	ccngaaggan	cgaggggccc	tgccgggncn	acaanagnag	ctcantngaa	360
gggacgttna	cncaannngg	acgcnagaac	gcggccaanc	aagatacgaa	aggggaaann	420
ccggnacgag	agcccngggg	nacggcncnc	ggaaaanggct	agaaaaaaga	ataaaggggn	480
aanngatcgn	aggnatngag	ggccatnggg	ancacaggcn	caaaagnggc	cancaaagan	540
cacagnggaa	gngnccanag	nactncgggn	cgggagatca	gggggngata	aantgaataa	600
ccaaggccna	nggacncgaa	aaaaggngng	nccaaaaang	gggggncnan	aaggggggag	660
cnnccaaaga	ggncaaaaana	aaatngccng	aggggcnaga	gaaaccnccc	ncagaaggan	720

```

gggggncaan aaaatcnaac cnnnngggnn naaangnggg gggggggaaa gggacnntca      780
ccaaaggcnn canaaaaann ngaaggggncn ccccccnca aaaangnaaa aangggaaaa      840
accnatanct nagttcaggn naaaaagtng ggggggaaaag gccnnaaaan aaattaaatt      900
naaggangaa anccnnngag annaaccccc canggcaa atgggcnacac      960
ncggggcnnng gggggcatng ggcccccaaa tnggnccccc ccnaccgggn aaaggggggc     1020
aaaaaaggan cggggngana aaaanggnncn gcctcccata gggcaaccat ntgcacgggg     1080
gccnccncaa attngggag ggnaaanncn aantcgcnca ccaatgttaa ngggaaaagc     1140
aaccggcaaa agggccatnn ggaangangc ccngnaaaac caaanagaca ncaggntagt     1200
gaaccttcn aangggaaat aagatnccgg naaaaggcaa ggncgnaaag aaagtngaaa     1260
nccgangnaa ccngangana aggcnaanaa ngggaancna ttacannncn aanaagnagg     1320
caangntgn ggaaagaaag atccaaagcc cnnnggngnc agnatgccng gnaaaantgg     1380
gaagntanna ngancctgcc aaaggcttng gaaaaacnnc c                        1421

```

<210> 4239

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (864)

<223> n = A,T,C or G

<400> 4239

```

gnngtnnnnn ntttncaann tnggetactt gttctttttg caggatccca tcgattcgan      60
ntncnaggcc ggggncctgt cattntngat catnatcttn ngntatgaat nggaccttta     120
cagtcactga caggacaaca acaggctgga gtngnggccc atnctgctgn ngtgcctnna     180
agaccacanc cctnanaggc tncgtgtcct gctgtgcatn gccattgga tgccganggg      240
ctnatnactc anactagtac ctcacntgat cagatgncag aatcaaccaa atnntgcaga     300
tttcagtcng ttgtgaagta tttgctgcat caacatgtag aacgactaac attcatgatg     360
aagccgagaa acatncacaa gtctgncgg ctnaaaaagc ttatgatcct gcacgntntc     420
tnatagtngg ctaaacagat ggtataaaact gacgaanaga cagctgctac tgctcctgcc     480
aatgtgagca aaggcacaat actacttgct ccaggaccta aacctgttcg aagaagattg     540
taaattggaa gatgaattta ggccagaagt ngatgaacat acncaaaaana cgggtgggct     600
tagctgctgn ncntgcatca caacctnntn ttncnagntc tgctgggaac gataaganng     660
tnttcangca tcaattagnc gtaataagga aaccngcanc gatttngncc aaatgggnata     720
gcctattgca gggncnaatt taaaggatgt ncttnnngag anaaattacc tgggaagttc     780
aactgggaac aacntcnaac cattntctna cctataagcc aantggccgt taactgtgaa     840
catncttggg ttttaaaann gcnt                                     864

```

<210> 4240

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (468)

<223> n = A,T,C or G

<400> 4240

```

ntccttttga ntacntntac aagctacttg ttcttttttg aggatcccat cgattcgaat      60
tcggcacgag atttcaacat actgttgtct aatcatcgtg actccccaa tttctctttt     120
ttagagggaa gtattgtaca gatgtatctt gaagattata atcttggttg attattgcct     180
attctcactt taggaataga tgggtgatagc ttatgacttg tgttgtataa cgaggtagaa     240
atattgctgn cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata     300

```

```

aaccatctaa tgcattgtaac agtgatcagc aaattaataa attagacctc tattcatgct      360
taaattatca aagctaatat ttaaattgaga tggttctattt taattaaaaat ttctggcacc      420
atcggttaatg agacttagaa tttcaactag tgtatttagc tcttactt                      468

```

<210> 4241

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 4241

```

gtntttnnnn tttgantnca aatacaagct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acagaagacc aagcgcagtc gancctcttt caagcatcac cagctccgga      120
ccatgaaatc ctactttgcc atcaaccaca acccggtatgc caaggacctc aagcagcttg      180
cccagaaaaac aggtctgacc aaaagagttt tgcagggaga acaaactcttg gggcattaca      240
gccaaacatc ccgacgtttg aaaattccct aaagtattaa aagaagggga aaagtttgat      300
cggaatcca ctgcagtga gacaaaagaca ctattaggtt atgataatca tacattaaaa      360
aatttattaa gccaaaaaaa agagagagag agagacttaa atgtcattta ctgaatgtta      420
acgaaacttg tggtctttat ggtgtctaac acaactgaag gcctaaaatt atgtgg      476

```

<210> 4242

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4242

```

gtnttttcncn aanngntggg aactcgtct ntctgcagga tccctcgatt cggaaatata      60
gngagatgtg ggatgtgaat gcccatgaaa gacatattat tacacttgaa tatattcttg      120
cttcacttta cctncataa natgntgtac attagtgtg atcangttta cagagntaca      180
tggtcgcttt cctaaccatt cagtnangaa ttaaaatatg gcattgtata acaactggga      240
agaagctcat agnggatata aagtagagta gataatgggt caccttggat agcctctgat      300
acattcttgt atatgggcaa aataatgatt acctatacgt gtatttaagc ttaagcatca      360
tataaacagt ctttttaanc ttatggtaaa nttnnatnata tntaaaagct gtgatctcta      420
ggnagtcctt aagtnattag tacnagnactt naaaaagatt ttaatatagg cgcncaccgg      480
tggnntcatg cctgtaatnc cagcacttcn ggaaggctng angcaggccg aatcacctga      540
aggtcnngga anttcgagga tcanaccttg gccaaacatt ggtgaaaacc ccttggtctt      600
aaacttaaaa nntttttaaa aaanntaagc cngggcctt ggntgggnan aggcgncctt      660
ggtaaaccn aagctntcct ttaggaaagg cttgnaggcc anggagnaaa ttancnttgg      720
aanccnanaa gggggcnaaa annctttncn gtctcngcnn aagnaatcgc antcaaatgg      780
naactntcan accntaangg ggaccaagna ancncnnana cnttnattct tcaaaaaaaaa      840
aaaaat                                           846

```

<210> 4243

<211> 789

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4243

tnananctgn tncnctttca aatnctnggc tactngttct ttttgcagga cccatcgatt	60
cgggaagagg atgactgggt atgctgtgcc acccttgagg gccatgaatc cactgtgtgg	120
agcttggcct ttgacccgag tggccagcgc ctggcgctct gtagtgatga ccgtactgtg	180
cgtatctggc gtcagtatct accaggcaat gaacaagggg tggcatgcag cggctctgac	240
cccagttgga aatgtatctg tactttgtcc ggcttccact caaggacatc ttatgacatt	300
gcttgggtgtc agctgacagg ggctctggcc acagcttgtg gggatgacgc gatccgcgtg	360
tttcaggagg atcccaactc ggatccacag cagcccacct tctccctgac agcccacttg	420
catcaggccc attcccagga tgtcaactgt gtggcctgga accccaagga gccagggcta	480
ctggcctcct gcagtgatga tggggagggtg gccttctgga agtatcaacg gcctgaaagc	540
ctctgagcta cctcgacttt ggacagagta atgacttccc cagaaaacgt catataagac	600
ttttaccagc cctgaanga ccaagaggga gccattcctt tgaactttca ttttaactttg	660
gnttinacttc tctttaaaac ttggggtaga aantgcaaaa gccncanana attgcttttc	720
cnttcccccg ccttttgaac atgaaggncn ttnaattaaa agaagcttcc cggaaccatt	780
naaaaaaaaa	789

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 4244

nttccaatg tttcggntcc ttncctccgc ttctaangct tggcggtgcac tccagcctac	60
atgacagagt gagaccctgt ctcaaaataa taatnataat gaactgagac tcanaaaaga	120
tgtttgttca nggttacaaa gctcagacag gacagggcag catttgaaac caaaattgggt	180
ctgactccta gctcatgctg taaatcacgg tgcaaggctt ctactatcta tgttgttcc	240
aaaagaatgt ataaatgaaa agatgggttaa catattaagc aaaatatgtt aaacgtcaaa	300
tgaactgtat aaacgataaa tgctggagag ttgaggtggc aaagaactca tgcccagagg	360
gatctgggaa ggcctcttga caaggtggaa ttatagctgg tttttgaaga atccgaaagt	420
gcttagattg aaaggtgaga catgtacagg aatgggttct aagatgtcat attntatctc	480
tgctcctcatc ttgactggca ctaatgaaca tcaaagattt caacctaaat acattgagtg	540
cccagtatgt gaanggcctt atttatgggtg gttttaaagc tttttaacat actttaaaag	600
aagggactgg ttaatctnca ctgnctagat ccattagacc ccggaccgga tggccccang	660
ggcctttggg aatggcgtgg tgggacagtc ttncactttt gcacataccc aagaaaagaa	720
tggncctttt gggaattttg cagacctaca atctggagg	759

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (842)
 <223> n = A,T,C or G

<400> 4245
 tcccccttgaa ancccntaac caggcttcnc angncaaacn ntttggaana nccaanacnn 60
 aaaanaaang gganggnac nncngcacgn ngcaagagan tacacaganc ngacngnttt 120
 taacgannat cgnaaaacc ccaatggang gannttgagn cacntgcnaa agggcccaac 180
 tgctcanttt aaaaaagagc agngtccgac annngcaaag aaangcagan naagaggcaa 240
 ggaccccaaca gaacacatan ctgaaaataa tncngaataa ntnnacaaca cgggtggggn 300
 aattcaanng gacgnaagn ngcatccntn ntccctnata ancctcaaat gnaatcgga 360
 aggcaangnt ggccacaatt ccacaaanac acgggattta ccatnannnc tncangattt 420
 caccaggata ccatantcaa ggagtgaana gaaaagtggg gaaattcaag gaacttggga 480
 cccaccnngn nanaccntta aaaatnaagg gactcntcaa gaaaaggga cctnangag 540
 tcnnaaaaaa aggggaang aatggaang ggnccataaa ggccccnggn aaaagggatn 600
 caagnaagaa anaaaaatgc aantanaaa ggactggga gaaagganaa naggnncag 660
 gcgaaaacag ggcccatcta ggaanccng ngaaantaan tncngncnag aaaaccnnc 720
 gcaaaaagg naantcgnnn nnacnanta aaanccnnc aanggatngg caaanncn 780
 aaaggntag aaangncanc ngagcgagnt acacgnanaa aanncnata ananantaann 840
 cc 842

<210> 4246

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4246
 gnnccctttn ctntacanta caagctactt gttctttttg caggatccca togattcgta 60
 tctgtctgtc ttgatctcta ttctagctc tttttctgat tggccctctc cctctcttc 120
 tgtctgattg gctgtatcc ttccatcacc ccatctgtct gctggattct cctgtctgc 180
 ctgcagtaat gtatgtgata gcaatttata aattataaag cactatgttg tataaaacac 240
 cattatcact ttgtcttctc tcttacctta tttttctctc ctttatctgg ctccctctc 300
 tctctcttct tctctctctc tgtttgctg tctgcaccc ttttggtgat ttgacctgc 360
 ttctctgtca gtcaatctcc attccctccc tggcagccta tttttctgac atccctcttc 420
 tctgtctgct cagttcttgc atctctctct ctgtgttctc aggtttctct atattctctt 480
 tgctgtgta gtctctctgt cgttaggcct tttatctatg cctgtgtgtc tcaactgtcta 540
 nctgcttgc tccctgctg tcaacttctat tgtggggcat caagtctctg ccttctctctg 600
 tctttcaagt acttcaaaaa ataaaaatta aataaaaaat taaatcctta tgataatggg 660
 tacangagaa attttttgtt taatgagaag atataaggng agacaaagaa ctcaaaatta 720
 ctgtgaaagc aatgaanaaa 740

<210> 4247

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4247
 agccttttgc nacnctttc aactacttgn ctttttgcag gatcccatcg attcgccaga 60
 aagtgccttt acatttttgc cttggaacaa ctntgcaatt tcatcttgat ttaatatctc 120
 tagtaataaa gcactctccg actccacatt cttatctctg ggcagacatt ttattcttaa 180

gaattgtagt	gnttgatnag	aagctnaatg	gagatgatta	acgtgtcaat	gattaataat	240
tataacaaca	ttcaaacact	tagaaattat	agnatttcat	canatgtctt	tttaaagagg	300
catttctggc	cagttgtggt	ggctgacctt	tgggaggctg	agacggctgg	atcacttgag	360
gtcaggagtt	cgaggtgaga	ctggccaaca	tgatgaaaac	ccttctctac	taaaaaaaaa	420
aaatacaaaa	attggccggg	catgatggca	ggcgctgta	atccc		465

<210> 4248

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1070)

<223> n = A,T,C or G

<400> 4248

ggngggggnn	tttttttnaa	annnnnnncn	ntttttttgg	ngaaaaaagt	ccccgccagg	60
gccttacctt	tgggtntnct	tttttttggg	ccaggggaat	ncccccaatn	cggnatttcc	120
ccggaaaatt	tccggggcca	ccggaaggaa	aaaaccaa	tantnaaacc	ttcaaaaaat	180
gggccctttt	tcntaacagg	gnacttacc	aaaaagcctg	gtcctgggtan	tcaagggttt	240
aatgggggtg	tttaaaaatc	cataaaat	tctggggaat	ccatggaatc	cttaaaaaac	300
ttttaaat	ggtttcccat	tttcttacnt	ttacttcntt	ttactaaaca	aagggtantcc	360
ctggaatggg	cctggaaaaa	atnccatgg	ttggnaaaat	tttggaagg	tttttgaaa	420
ttttttccca	ggaatccaaa	aatantggaa	aaaattttta	ttttttccaa	ttttttttta	480
aagggtacca	aaaaataatc	caagtttggt	antaaatcaa	ttgggtaaaa	aaaccattaa	540
aaaatttttg	gcttattaaa	aaaggaattt	tttaaaangg	gcctaatttt	ggaattttaa	600
aaccatttta	atttacctta	aaaacctctt	tttggttan	gaaatttttt	ttttaggaaa	660
atttcaagcc	attcggggaa	gggaanggaa	atggtggacc	attaaattaa	atgggatccg	720
aaaaggcccg	aaaaggtttt	aaaaaaggtt	tgggtggaat	gcccntcaca	atgggggttg	780
ggaanggggt	taattctaag	ctttcttaaa	gggactggaa	tgggtttggt	ccacaaagga	840
agtgggtccat	caaggtcata	aattngggtn	aagacttaat	gggcttan	ttttatggna	900
tttataccct	gatggtattg	gaattgagat	gaatatttta	tgaacaaaaa	tggagccatt	960
gtgtaagaag	tatagtatta	aatataagtt	aaaacttgga	attttaaatc	cttgaggtat	1020
gtnagccctt	caaagctctt	gangctgaag	gcccgatntt	ttgcagtggg		1070

<210> 4249

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1336)

<223> n = A,T,C or G

<400> 4249

aggnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngngngng	ngnnnnnggn	nnngngngnn	60
ggngnggngn	nngnnnnnnn	ngannnnngn	gnnnngnnnn	nnnnnggnnn	nnnnngngnn	120
ngnnannnna	gangnnngnn	nngnnncnna	ngangggngg	nngnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnnngcngnt	angntgggaa	aaaancccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttgggccnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcggggn	aanatgtgnc	gggggncnaa	ccggnaagg	ggaangnga	nagnnnnngn	360
ggannnnng	nnnggnnagg	ggnnnnnnng	ngnnnttttt	ttntnnnaan	aggccnagnc	420
gangnnnggg	nnnggngngg	cngnnnnnaag	ggggnggggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggncnngg	540

aanggaggng	gnnnagnnng	nnngagnnac	gnggcgnnng	gngngnaang	ccnncngggg	600
gcngggngan	gngnananca	nggggnanag	nagangggag	gngggaaagg	gnggggccgg	660
aantgnngga	gnggcaagg	angnnnganc	ggagggangg	gggcgagagg	angagccnat	720
cgagnggggg	nagggngac	aggaanggan	aagnangggg	gnaaggcgng	aancgaagg	780
gggggnatga	ggaggagann	gngagngctg	gggggaagg	ggnanngggg	gggggnngnn	840
gagnnggna	gngggnggg	ggangangat	gggagcnaa	cgggtggaca	aacggcggn	900
caggnggggc	aggnanaaaa	gggccgggg	cggngcgng	ggggaggngc	gngggtgtan	960
gaggcaggna	aattganng	gagacnngn	gngcgngga	gggnngaana	gngnnnga	1020
naagacggaa	cnaagtggag	gaggggggan	nnggcgcagg	agagngagg	ngtanggnag	1080
anananangg	nnaggacng	ngncgngng	nngagtagn	ggcgcgang	agngngagg	1140
gagcgngan	ngagggngg	nacggggat	gggangncng	ggggngnnnc	gcggggcggt	1200
gggacncng	ggggggggg	gggnnaagn	ancnngggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gnggggggg	gagagnaang	agnacnggg	gggggnnac	nnggggnnga	1320
gngcgagnnn	gcgcgg					1336

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4250

tcngngagt	gtatgtctg	cntcnccga	nagcaggcg	ngcgaattcg	gcacgagncn	60
aaaacttgn	aataannca	tttcattnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaagct	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgat	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaataattca	ttgtcatgca	gtagtagtna	aaacatcnna	gatgcagcaa	360
gcntattaag	anntatttac	taaaagaaat	aggaggcatt	tacatcttta	ttattgtact	420
cngggatatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tcnggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540
nacaaggtgn	ttcaaancct	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaann	660
nccanaacct	tgaatnnant	gtggtanccc	ctgggncaaa	anaaangncg	ggnattancc	720
cactggnncg	gaanaacaat	tgcctaaata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggntcccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1351)

<223> n = A,T,C or G

<400> 4251

ttggnggaaa	accctttttc	caangagntg	gganaaacnc	cgatcgcccc	naangcgnnn	60
ggggcanaaa	gngcnatnca	gancgnngna	antnnagccn	ntttttannc	cccacngnga	120
ananangcng	annaaccngg	gnatnaanaa	nngngcccn	nngncaaana	nnanacnnc	180
atggccnnga	angnncnacc	cttacnnaac	ncaatanccn	ncganancag	aannagntga	240

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accnnnnnca cntnacaaaa nntctagann nccgntcaen caanaagnen cnnngccann      300
acnnnacnnc nanncnanen nengcangga ncnacacncc cncncgnnnc canacnanca      360
ngaengacnn aatantncag annacncgag cmttgacnta annacncaan tagcannngc      420
cnctcgnggn acncnnaact ntngnngagc ncnnagnngt nnnnagctnt acgcnncgat      480
agananagcg naaaacngan nnnnnnctnt cnanannnag actangacag acnnngncaa      540
cacatnnnta gaacnnngca cacatntcta ncgntatcan cagnncaggc annnnacaca      600
anagcancac nngantgann cacaanaatc acgcntngaa tnnncntnnc tnannnnaca      660
caaccaanat nnaanaatgn aagnacaccg aacactnnac angcagacta nactcngnca      720
cnaaananaa gaactgacng acannacaaa tanaaacggn ntctacatca cagangtacn      780
nncagacana ancnnncngna nnacaancgg cncacacagn tanactnttc atagcnntcn      840
ancatcccnc agtgacacaca agngcncgna aanntcatn tcnctanana cggatnccat      900
nataggaaca gnnantgcn tacannnctn ncaagnaatg nacagatgcn cgcanganac      960
gnaagnnncn nnatnctgca tgcntngcnn ancaaatggn angatnatcn nanatncaan     1020
nngcngcata caannngtcg nctaacacng atctgcatcc atngacggat anacgtngag     1080
tangcctnnt cacctcnna gatctgcgtn ncganatcan cacnatangc ntnaanagtn     1140
nncagaacag tacnagactg gnnantnaag ntannatngt ntnnagtata ataanncaca     1200
ngnagntaga cnncaancgn ngnacnanat nccnngcann cgcaaanaga gcancnncan     1260
gcgnaccgac cgcagctaan acanacnact ntacnncaca aancntnnga ggccgntcta     1320
atnctncatc nnnncacctg nacgngaccc g                                     1351

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<210> 4252
<211> 759
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (759)
<223> n = A,T,C or G

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<400> 4252
taaanntnat ggntggntac ttgntcttta cgcaggatcc catcgattcg aattcggcac      60
gagggagccc agtgttcctg ttcattgaaat ctncctttta ctggaaaaca ggaatattga     120
ctaccaaadc acaatgcaat tgaagccgta ctgctttttt gaggcagttat tcattccagt     180
gattaaaact gattgtgcan aatattctaa gaggncaana attggngtgt ntaactacat     240
ttttagtgat gcaattnatt gattagttag taagatactg agttttattg agagatttga     300
ttattataaa gtaaaaatac ngctgnatta gggttacnaa cagnaaagtg tcttaatgnc     360
tnangagggc atnttanctn cactacaaaa ccanatnttg nctgtacttn tgaanagaat     420
nttgtnngtn ctcagctgnt atncaananc tnaggaagnc tntatggntg cnttctatga     480
catgtgnatt gtgatntgca tataagnatg ggtggngtgc nataccatat tctnggttnt     540
taaaatctat cactttncac cttncacttt gacgtggtaa aactttaaaa accaangtgt     600
gnaaaccnc nggnttctta aaatacnagg ccttagatct tatcagncgt tttgacaaaag     660
caggtttttt caangntcc ctctnnanan ttttttnnaa cgggtcaaact aangnnnttt     720
gaggnaagct cttagtttga ccggaagaa gn tgggncnt                                     759

```

```

<210> 4253
<211> 1382
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1382)
<223> n = A,T,C or G

```

```

<400> 4253

```


nnncggnnna	nngaannngn	gnnnnnaggg	gnngggggcc	nggnganng	gnnaanggnn	60
gnnnnnnnna	nnngnngaag	naaggnggg	aaaacagggg	naaggngnga	caaannnnac	120
nanngnanaa	naggnngnng	ggggngggan	gaaanagggc	gnaagggang	gnaaggaann	180
gggannnnncg	nnngngnnnc	ancnnnnnnn	annccnnnnn	nggggnnccn	nttngntggg	240
aaaaaacccc	ctttttgggg	gaaaaaaaan	nccccccngn	nnngnnngng	naaannnnag	300
ggngaanaac	cccnacgcng	aaagaangng	gaanggnmtc	anggacnacg	nnangggcga	360
ncgccccgag	ggcannnggg	gnagcnngca	nccannnnntt	tnccaacgaa	gggnananaa	420
cnannagncn	gcancnngng	cagggggngn	ncgncgancg	gcnnmanagn	acacacaaaac	480
taanaagaan	nggaaganan	naacananna	acgaaangaa	ccggnaaaaa	gagacgggca	540
nnngcnganan	aggagcnnga	cnngaggggg	anccnacngn	annaagcng	gnagnnnggg	600
ngngaagagg	cngcncggaa	ngcnnnnnacn	antccgnaac	naaanagnan	naangactag	660
gcaaccngaa	cnnacgcagc	ggnnnncnann	gcgganncn	nnacnagcgn	nnaggggna	720
agcgcgcggg	acnaacgggg	nccncggann	ggganngaaa	angccgnaac	aaaagangga	780
cgnaaaaacn	acncananaa	cggnnagggc	ccngcagcnn	aagnagngn	ggagggcagg	840
gnangcggga	aagcgggaga	cgcnnccagc	gagaagcgcg	cnaangaaan	ngancgggcn	900
ncgcgcnngg	nanncgngcc	ggannagag	gacnnatagg	aagtgcacna	ncaaacgcan	960
cggcatcnca	ngaggngang	ngatgnggat	anagngancg	ngananncna	nagaganggg	1020
gagagnaagn	agancgcgga	angnacanca	angcgnagaa	ccnggagagc	gnmccangca	1080
ngngagaang	gnannagagn	nannganana	cggngcgagn	gangnnnnga	cacganggac	1140
acgcgcggag	aganncgcn	acatgaagna	ancggnnngga	tgggaaannn	gannganana	1200
cgganggaan	cnggggncga	gangagangg	ngaggcncac	cnaacacgga	gggggagcna	1260
ggtagnggca	nnnaangaga	cgcggacgaa	aacggganaa	ccgaaanggn	ggngcaanga	1320
nannanggga	agacgcacgn	ngggnnngga	gnaaannang	ngggaanacg	aanaaaaancg	1380
cc						1382

<210> 4254

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1245)

<223> n = A,T,C or G

<400> 4254

cgatacacat	cntnmncaaa	tgatatacnat	ntaanatatac	aatatnttnc	ntnttnatac	60
tctgcaannn	aagaaaagan	ananthaggt	gctgttgaan	ccatnanctc	ttgttttttt	120
gcagnmccca	cgnttcgaat	tcggcacgag	gttttcctca	ggcacaatga	gccactgcag	180
gcttttgagg	agaagagtga	caagctgnag	agctgtgttt	taggacagct	atcctagagc	240
tatgtgtggg	cagagagtac	aagcaggtta	tttatgaggc	tngggtaaaa	aggcagacag	300
gggacacatt	tgtcatatgc	cctattgagg	cncanaatca	nggaacagga	ggtctgcngg	360
ttncangaca	ggccaaatca	ngganaaaag	ggactatccg	ggattancaa	gtcactggtg	420
atcganatat	cactttcttt	gaanmtttan	aaatgggttt	tgttancact	tgcnannctc	480
ttcattaana	naacctgcca	caaaccaata	aanntannng	tttaaaatag	aatcntgnag	540
ttatananan	cccaatggga	anctnggnta	atannttnta	nngggaanac	tntttnngtt	600
naaaaaggga	aanntnnggg	aaancccngt	nanangagag	nggnagnntn	tggcataana	660
gacngggnt	ctctcctcta	aacganatac	gaatacctct	tnccgcnnt	acncnnnngg	720
tgntmanaaa	acgntatntt	tctacacggg	antctntgtc	gtttttttta	agataatnag	780
nagnacncaa	tacataantn	ncaagcncgc	gtananaana	nantgnacgc	tnannataan	840
aactcttntc	ngtatnggcc	nctaancctac	ttaanggana	aagcttaata	taangntgat	900
ggcaagggt	ccccntgtag	antcnttacc	nattgtctca	acgatctccc	taacgttatc	960
nnntngaca	ccatgacgcn	attngangcn	cacttantnt	gaacngtaaa	aagnntttnt	1020
gggggtgcnn	tannaatacn	nangtcnmca	tcncttttnn	nggttanant	ntccncancn	1080
tnगतataaaa	gannaaataa	ntgggtgcaac	ntatatTTTT	cggnnacnna	nntatatctt	1140
ctntgggnna	tncatgtctn	catncgtgcn	ttatcnatTT	ntngtaagna	gaaaccngtn	1200

aatntcttat gaannnnntnt cnntttcgta atttgaaana ccncg

1245

<210> 4255

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4255

aggnggnatt	aannnnnttt	ttanannngc	ngctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagaa	acaatataac	tcaaatgcct	ttctacagga	ctacaaagct	120
gtctgtatca	ggttatgggtg	ttaaatcata	atttctggat	catgatctta	aacctttaat	180
tggttccatt	tctactttac	tctttactaa	caagtatcct	gatgggcctg	aaaatccatg	240
ttgaaatttg	aagtttgaat	tttccagatc	aaatatgaaa	tttattttca	tttttttaaag	300
tacaaaatat	cagttgtata	atcatggtaa	aacataaaaat	tttgctataa	aagatttttta	360
aaggctattt	gattaaaaaca	tttatttact	taaactcttt	gctagaattt	tttttagaat	420
tcagcatcgg	aggaggaatg	tgacataata	atgatcgaaa	gccgaaagtt	taaaagttgt	480
gatgccctca	catggttgga	gggttattct	agcttctaag	gactgaatgt	tgtccacaag	540
agtgcatca	ggtcataaat	tggttaagact	taatggctta	gatttatgta	ttatacctga	600
tgttattgna	ttgagatgaa	tatttatgaa	caaaatgagc	acattgtgta	agaagtatag	660
tattaaatat	aagttaaaaac	tttggaattt	taaatacctt	gggagtatgg	taaagccctt	720
tccgaagtct	cttggaggct	tgaaaggccg	nattcttttg	cantgggn		768

<210> 4256

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4256

tggnngnttta	nananncnng	ctctcntctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgaggtaaaa	catgtaattt	ggacatgcaa	gacaatgctg	ctgccaacta	acattgcatt	120
gattcattaa	gatgttattt	ttgaggtggt	cctgggtctt	cactgacaat	tccaacattc	180
tttacttaca	gtggaccaat	ggataagtct	atgcactctat	aataaactat	aaaaaatggg	240
agtacccatg	gttaggatat	agctatgcct	ttatgggttaa	gattagaata	tatgatccat	300
aaaaatttaa	agtgaagagg	atggtagtg	tgtgatacaa	taaaaagtaa	ttgtttggta	360
gttgtaactg	ctaataaaaac	cagtgactag	aatataaggg	aggtaaaaag	gacaagatag	420
attaatagcc	taaataaaga	gaaaagcctg	atgccttttaa	aaaaaatgaa	acactttgga	480
tgtattactt	aggccaaaat	ctggcctgga	tttatgctat	aatatatatt	ttcatgttaa	540
gttgatatatt	tttcagaaat	tataaatatt	attaatttaa	aatttgaatt	tgtgtttgac	600
taacaacctc	gatggatctt	cttncaacct	nccattaaga	tcctgcagaa	gaaatagaaa	660
tattcaaata	ttgcaagggtg	taattgtgag	acaacttatt	ataatacgtg	ttaagttcta	720
ctggnccat	ggaaatgggt	taagaaaaa				749

<210> 4257

<211> 466

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4257
 tgnttcnant nttttacaac tacttggttct ttttgcagga tcccatcgat tcgnattctn 60
 nacgaggctg cttactaagg cttnnactgn nanatcgntt gaccnntnn gtcgntngct 120
 gcacatgcn atattnnnc gacnnngctn nntcctgngc ngntangnga tgacctgnnt 180
 cnggacacaa tggngaangn gtagnggtgc nngacatngg cgaaattgtg ngcnactaga 240
 antngtgnca angcnngntt tcacatancc tnnnnnnnct acttgccatn ttnnantgan 300
 cttntgcct cacnacattc ntgngttcat aacnngacnc nctaagngna caactccgaa 360
 cccacattgg ncaaaaaaaa cnacatatgc tnacngttcc tntgccccat gtgnncnntn 420
 aacttgnatn atcttanact gaaccagngc tccacccatt catnct 466

<210> 4258
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 4258
 tngatncctt cgatcagctc ttgttctttt tgcaggatcc ctcgatncgg cctatcttag 60
 agaatcatct gtcannctt tattcctgca gaatacaaat gtcacattct aacctgttca 120
 gagattgtct tcaanataaa antgtgattc ctacatggna tgnnaaacia nctacactnn 180
 tnggcaaaag gcattattag ggntngattc cataatgatt gagtntctnt nnnnagtata 240
 ntcatgcanc tgaacaaaat gaagctcatt ccactgcntn gaanaatnnc acaaagtga 300
 tgctnaanan aggaagccac gtgcanacac tnactatata attntatgta catnaagttc 360
 agnatccgga tagttaccnn tgnnaaggan gtaactnnan gagtntgagg aggggnttct 420
 ggtatctggt taatgnactt ngtagcantt acccaanagt gnnt 464

<210> 4259
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4259
 gnagcntnnn nnttttctaa ngttggctac tcgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gaggcattct gtccttgga accctttctc attctccaag cctggtcage 120
 tgctgcaca ggcagaggtg cctcagccc aggttagcaa cactcatagt tttgccaatt 180
 accagtagac actagtggaa ccattctact ggaacttctc ctctccttcc acttatttcc 240
 tcaaacttgt tgctttacac tagacacatg caaatgtatg ttttaaacac accaaaacag 300
 atcatgccaa atgagttgcc tgtcaaaggc tggaggggcag gaggagggcc tgggtttggg 360
 ttctttctc ccagcctttg gatggtgctt tgggcccctt agcccagcg ccagggcctt 420
 ccagctgagg ccacaggaaa gcactttttt atgatgtact aaaagccaca gtatgtggca 480
 actgcaaaag gatcaggaat ttagggtagt atctcggtca cgtgtcccgg gccgctgagg 540
 ggaaaggaag cgggcatgat tgtagacaat gagggggttc tcttgatgta atgaaatgca 600

attttatggg	ttgggtgcaaa	aactcctatt	ttccagttaa	ttacttttat	ttctaaagca	660
tatttttgat	ttncatcna	nagcnataaa	gcattaaaat	tctttaaaaa	aaaatnatch	720
ntctcnantn	ctccanatch	aaaaaaaaact	tcgnnccttt	naanaccttt	ttgnggnggt	780
cntnttttnc	cgngannccc	cnccttttmm	nctnngattc	cntttgntg	tnttttgnga	840
cnaaccccc	atactnagan	tnctccgcaa	aaaaaantcc	nt		882

<210> 4260

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4260

nngtgnantg	ngatnttggc	nagcgccatg	antnnnggag	tcgancgann	nncggcacga	60
ggagaaccnc	ntaaagccct	nannttcct	ttttttngna	ngaagnggga	gtanatggnt	120
ngcnatntan	nccnanangg	cacnntnnan	ggaggngnaa	ccactctgac	gttnnatngg	180
cantgagagn	tagancagag	gctgncctgc	ntggaagctg	atatacccta	taatncanag	240
ggnnnnagac	nantnttgng	aaactcggtt	anacattcta	tttanagaca	tgcttgctga	300
tatgacntat	atttttatag	ggatacccnt	ttatngctgg	gacatnaanc	ctgnttncac	360
tcnaaatggn	cctgctttca	gaaaatagaa	cangagacat	gccgaaaaca	gngnttctat	420
tattgtgnat	tatgantttt	gttctntaga	actattttcc	aactcatctn	nttncctgca	480
gctgnggaat	ctggacagcn	aaatcttggt	gacgtttatt	ccactaagcc	cagggatgag	540
atggcactca	ggttaaagaa	ctaacatttt	ctgaaccctt	nattaactat	ttaccagcat	600
cagggcctct	aagtacaagt	gtcagaatcc	ttcatttcaa	tttttttact	cngggcattn	660
cccattacaa	agcccatcct	attattgaac	ccnaanttna	gcaaaccact	taggtctgcc	720
acttaagaan	tcngngnnnc	aagggtgccn	aagaa			755

<210> 4261

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4261

tgtgttttct	nnctgtgggn	actggccttt	cnncangaag	cctggccggt	cgaactgcna	60
ncggcnncnn	cggaaagggn	ntgnncaann	gnaatttntg	cngntnangn	tgtatacacc	120
ttggangann	nnnttgngcn	attgcngntc	tnngangtat	tcangncnnn	taaattcntc	180
atnancnca	cttccatngt	ntnntcngnc	acatgctnnc	antntatnat	ncntgngaaa	240
ngcngantat	cnatgctaga	cntnnntgca	ggctgngngn	ncgganmtgt	cntgacnnca	300
aactgtttac	tctnantgac	tgtgngggcn	ttntctnnat	gaaaannngg	gcagtattcc	360
cttntctaaan	gagntcnnag	gaagaagatg	agaancgggg	tggnatcagn	aactgannng	420
gcacngaagc	acgtggnaga	ccctcnnana	atgatgtgan	nggacaaaaa	gcntgatcac	480
caagcgcttt	cangnctgga	ttccnnncnc	gnatccatan	nagtctgtgn	anccaggacc	540
ttnnaggnat	catnnncng	gcgtgtngnn	aatgagcatn	gtgtggtaca	cttgacgntg	600
tcccctgggtg	cntactntgt	aattcatgct	ncactagatn	agncnagnac	ntatatncgc	660
ttcggcactg	tgtgctngta	ccnaccncnc	gttggaacct	nattccctct	ncaatgtgtg	720
anatnttngg	ttgggcct					738

<210> 4262
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 4262
 ntcntngata canctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 gcaattgtct atttatcttt tatnttttta agtcagtatg gtctaact ggcattgtca 120
 aagccacntt atttctagtc caaaattaca agtaatcaag ggtcattatg ggtaggcat 180
 tnatgttnt atctgatnt gngcaaaagc ttgaaattaa aacagctgca ttagaaaaag 240
 aggcgttct cccctccct acaccnaag gtgtatttaa actatcttgt gtgattaact 300
 tatttanaga tgctgtaact taaaataggg gatatttaag gtagcttcag ctagctntta 360
 ggaaaatcac ttgtctaact cagaattatt tttaaaaaga aatctggtct tgtagaaaaa 420
 caaaatttta tttgtgctc atttaagttt caaacttact a 461

<210> 4263
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4263
 annannctg nnggtcgtgt aacgcccttt ntnnangaag acnggcgatn cgaattccga 60
 ggatccaaga gggcnnnact ngggngggct tcntttcagc tgaaggctgc taccgtaccg 120
 tgtgggagcg cctgggtctg gccttcagca cccagaggc atactgccag cagcgagtgt 180
 tccgtcact ggcctacatg cggncactga gcatatgggc catgcagcta gccctgcaac 240
 agcagcagca caaaaaggcc tcttgccaa aagtcaaca gggcacagga ctaaggacag 300
 ggcctatgtt tggaccaaaag gaagccatgg cnaacctgag cccagagtga gccgtctgaa 360
 ctgtgggagg gaagtgtctaa cagcccagcc tncagcctgg cctttcctcc tccccctctg 420
 aacctcctgc aacctgagc catcaggaca atcatacccc ttcccttctc tccaccaat 480
 tgtgccagta aatgggggtt gagggtgacc taggcagcat tagaatcact tatttatttc 540
 tttcctacct gttccctgac tgcgtgaaat gttcaggag gtcagttgat tccccaggt 600
 acattcatgg tgtgacagac acatgggtac aaataaaaaga cccagaaagc caacnaaaaa 660
 annnggtttt nanncnnga attttaaaaa nntntaaatt ncntngnntt aaaaantnct 720
 tttntgnaaa aaannntttt ggccttttt 749

<210> 4264
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4264

```

nggggtnttt atanaatcca ggctacttg ttctttttgc aggatcccat cgattcggcc 60
acatcggggg caccacctc catgcctttg caggcatcgg ctcaggccag gctcctctag 120
cccagtgtgt ggccctggcc caaaggccag gogtgcggca gggctggctg aactgccagc 180
ggttgggtcat tgacgagatc tcaatggtgg aggcagacct gtttgccagt ggccaggcct 240
atgtggccct ttctcgggccc cgcagcctgc agggcctaag tgtgctgact ttgaccccat 300
ggcgggttcgc tgtgaccccc gtgtgctgna cttctatgcc accctgcggc ggggcaggag 360
cctcagtcctg gagtccccag atgatgatga ngcagcctca gaccaggaga acatggaccc 420
aatcctnctg agcctnacct acaaagagga gacaaaaggg ttggcctgtg gcctncccg 480
cctcctgctn cctatggccc anggccccag ggaataactg gagtaggcag gcagtgtccc 540
cttctgtatt ttttanggac tntaaccttc tgcagggtta aagggagaag tctttaaac 600
catataccaa ctgtgcttca gttcttttan ttttgctcgg gtaaaactgt gtagggtcag 660
aattaccctt tctgtgccaa ttganaatga acctgtgtgg tactgatgtc agaggacaaa 720
ctntntgaan ggcttgaaca nacttga 747

```

<210> 4265

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4265

```

ncntttatca aancgnnttg gctactcgtt ctttctgcag gatcccatcc gattcgaatt 60
cggcacgaga aagaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag 120
tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc 180
acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga 240
tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga 300
tcgaaagtca tataagcaca ggagcaaaag tcgggacaga gaacaagata gaaaatccaa 360
ggagaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga 420
aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgagggtca 480
atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct 540
gattnagacc tcagatcaga cagaggacta ctgggttcgaa gattttttgga anaatnctga 600
ngaacgggat aaagtgaaga tcgnncnttt aaaaaaatga ggttgaaaag aaagctatna 660
gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttaaaa 720
ggttaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttn 780
ttattcccct tgg 793

```

<210> 4266

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4266

```

tnnnaatcnc nnnaagcctt tgttnaacct ctttgctact ngcncttttt gcaggatccc 60
atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc 120
atcgtaggagc ctgagatcct ccctgatggg gaccatgact tgaagcgctg ncagtatgtg 180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna 240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgacctc anaagttttc 300

```

```

tcatgangag attgccatgg cgaccgtcac ancgtgcnc cgcacagngc cccccgctgt 360
cactgggagc acccttctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa 420
tgccattaac aagtgcccnm tgctgaancc ntgnnccctg acccttctct actgncgagc 480
nctgcangcc tctgcnctga acgcctgnng cggnataaag gagaacctga agctgctcac 540
gaagaatntg tcaagcgaac cctgncnaac agccttgcct ggcaaggaaa gtncacttnc 600
gagccgggta ggctagggct tgctgcaacc gaagtccct ctttggtnnt ctaaccatcg 660
ccttttttaa nncggaagg tgtttcccca aggattgccc cccaanaact tnnaagncct 720
ttggcccaa tttccnntt tttgaaanaa ggnaggnccg cctncttcta nngggcttcc 780
aaaccttggg cttaganccc nggctttttt t 811

```

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 4267

```

ntnccntttt nantacanat acaagctact tgttcttttt gcaggatccc atcgattcgc 60
catgcccagc tgtaatttct tattaggtgc cagacattat gaattttacc ttactgggtg 120
ttgggtacat ttggatgtct ttaagtattc ctgagaatta ttctcagggtg cagttagggt 180
acttatgaat agtctaattc tttagagtct tgctttcaag ctctcttagg gcaggagcag 240
ccttttagtt atgactaata tggccctggg actgagacac taccattcta agtacctaaa 300
tacccaatgc cctgtgtagc atgaggcatt tcaactctggc tgataggact gtgaactagc 360
ctcaacctta tatggtcttt gatgattgtt ttgctgttcc ccttctgtgg ttcttttccc 420
gtgtcttctt tactcacgct tactgtcag tactcagccc gaagactct 469

```

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4268

```

cgttacttcg atcaagctct tgttcttttt gcaggatccc atcgattcga aaacccttac 60
aaaaaaactt taaaaaaaat ggcagcaaag ggtagttttc atctgggtgtc ttttatttaa 120
gttttttaag ttaagaaaag ctggtgacat atttatacgt ttttgtgcaa aaataaatga 180
atggcaatag attttaaaaa atcttattat gtacttctgt gtgaaaaagt ctgtataata 240
tttcccttaa atatgcatta ttttaactgt gagttttttc tgaattaatc tgaaatgtca 300
agccctggat ttgctacaga gtgagaagtt attttatttt tttttatttt taattntgga 360
aattctgcag aaatcanaac tcttaccatg gtttgaacaa aaaaagggga aatggggagg 420
ggaaaagggt gggattgtcc ancatgcttg tatgtatatt tca 463

```

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (468)
 <223> n = A,T,C or G

<400> 4269
 tccgntngan taccgttaca ngctacttgt tcttttttgca ggatcccatc gattcgaatt 60
 cggcacagaa gaccaagcgc atgcgaacct ctttcaagca tcaccagctc cggaccatga 120
 aatcctactt tgccatcaac cacaacccgg atgccaagga cctcaagcag cttgcccaga 180
 aaacaggtct gccaaaagag ttttgcaggg agaacaaatc ttggggcatt acagccaaac 240
 atcccgcagt ttgaaaattc cctaaagtat taaaagaagg ggaaaagttt gatcggaaat 300
 ccactgcagt gaagacaaag acactattag gttatgataa tcatacatta aaaaatttat 360
 taagccaaaa aaaagagaga gagagagact taaatgtcat ttactgaatg ttaacgaaac 420
 ttgtgttctt tatggtgtct aacacaactg aaggcctaaa attatgtg 468

<210> 4270
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4270
 nncttactna aacggtttgg ctacttgttc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggac ctatcttgat ctggatagta aagtgaggac tttaaaaaag tttattaaat 120
 tactgggaga aatcatggag cacagattca agacatatca acaatttaga aggtgtttga 180
 ctttacgatg caaattatac ttgacaact tactatctca gcgggcctat tgtggaaaaa 240
 tgaattttga ccacaagaat gaaactctaa gtatatcagt tcagcctgga gaaggaaata 300
 aagctgcttt caatgacatg agagccttgt ctggagggtga acgttctttc tccacagtgt 360
 gttttattct ttcctgtggg tccatcgcag aatctccttt cagatgctg gatgaatttg 420
 atgtctacat ggatatggtt aataggagaa ttgccatgga cttgatactg aagatggcag 480
 attcccagcg ttttagacag tttatcttgc tcacacctca aagcatgagt tcacttccat 540
 ccagtaaact gataagaatt ctccgaatga ctgatcctga aagaggacaa actacattgc 600
 ctttcagacc tgtgactcaa gaagaagatg atgccaagg tgatttgtac ttaacatgcc 660
 ttgtcctgat gttgaaggat ttgtgaaagg gaaaaaaaaa tctngactct tgatataata 720
 aaatgagact ggaggcattc tgaaattgaa aaaaaaaaaa aaaat 765

<210> 4271
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (466)
 <223> n = A,T,C or G

<400> 4271
 nncnnttna ntanagatac aagctacttg ttctttttgc aggatcccat cgattcgett 60
 gggggccagga tcttgaggtc cttgcttggg gataacttcc tggagagctg ctcaatcagc 120
 tatacccttg ggagtctttt gttgagggag aaataaatgt cattttgcaa agccactgat 180
 attctgtggt tatcacggca gtttagagag gaaggatggg ggaaagctgg gttgcgtct 240
 agccttgaca ctctctgctt ttgtagtgtt aggcaaact ggcaacccca gaaaactcan 300
 ctgcctcagt ttttaaggcat gcagggtctt tgtgaggacc atataagcca cgtggagggg 360

tetagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
tctttctgag agtcttgctc cccaacacca naggtgagac cacctg 466

<210> 4272

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (465)

<223> n = A,T,C or G

<400> 4272

ttenctttta tatagataca gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaagcc 120
ctgcccaggt tacagaatca tgagcaaata aatggctgtt tctgttttaa gcttttaaat 180
tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
tagttttaat aatctaagta aaagcccact aattcattat gcagaaaaaa atgatttttt 300
tgagaagggg tctcgctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac ctccctgggt caagcgatct tcccacctca gcctcccgag tagttgagac 420
cacagtgcc ttggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (630)

<223> n = A,T,C or G

<400> 4273

nnnnactntn tcnnatnnn cngancnnnn ntctcngac antttgnna acngntntgt 60
ggggnnngnn nnnnnnnngc nnnnnnnnnn nnnnnnnaan ccttggaac ctncctnngc 120
cgatccnnnn ntgcannatn ccgcnngngg gactngnaan cnngnccana taatnaggg 180
ttnnnctgna cnnngcaaaa accccannat taggnanggn gcgctaggng gcccnananc 240
catgnagtgg cagcncgna nncngttgtt tnnccaaten nnaattcgna tcgcctcggn 300
ancgccccctg ggggtanggg acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng angncncgg cntacncnag ngaatcctnc cngngnnccg ggngactagg 420
ggnggatncn nncangaagg nnnngagccg nagaacanac ntgggtgacn ggntgngaca 480
aagnnnccgt cnaaaaaatg ctangggnaa nnacanaagg agmntcnaan tgcantanna 540
ngtgangtte caacgccna tgaaaaaggg annanggaaa gtcgcacant gattganang 600
ggncgcngn ngngcatatn naaatnnanc 630

<210> 4274

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (618)

<223> n = A,T,C or G

<400> 4274

tnnnncnncan	ncnnncnct	nnnnncnntn	gantnnnnnn	nnnnnacntn	ctcangnnng	60
tnncatnncan	naagnnngta	ntntngtcgc	ntgnncntnn	nnnnntatc	gnaatnnnnn	120
nnnnnnntnc	ttnccttttg	taaccctttt	tnnnccntgg	cntnacncat	gnaaccctga	180
agnccgngcn	angcnatagc	tatnaacgaa	catttnncnt	ngctacggnn	nattgnactn	240
acgcngnct	gtangangcc	acnttnacat	gcncggncgg	cacaccggtg	naataatngn	300
gtcgcctnnnt	gggtgccc	ctaacgcttc	cnttngcntn	agcncangng	cctnagactn	360
ttacagnngc	attgganaan	gncgcggcgt	naccgctgc	nntacncaat	naaggngtgt	420
gaaacacngg	acntgggttg	aaaaacnntn	aancngatg	gcngagcnta	agccccngg	480
gngcctgagg	aagcgtgcag	cnaggtnncn	atganaaatc	acttgtgncn	aaacggacaa	540
tganctgcgn	agnggaantc	tgngcncgtt	aggncacnca	nntgtnnatt	gggcgcattg	600
aannngcatg	actccnnc					618

<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4275

gnngngnann	ggnggggna	nngnggaggn	gnngnggggn	gnngnggggn	gnngngggg	60
nnngccnann	nnggccggag	cnggggnnc	ggngngagag	ngcnnngaaa	gcccttttga	120
aaggncggag	nngagtggng	ggccgncgga	gaggggggnn	ggggangngg	ggnagnggggn	180
ggggggggng	nngcncgnnt	gagnggnngg	ggngagaggg	gngcnnnnng	gnnggggggg	240
ggcngcnggg	ggngngaggg	nnggnnggna	gnngngnnng	aaggngggng	ncgangnnnn	300
agtggangnc	gngagngcgg	gggaanggag	nngcnggggg	nngnnggggg	ggngnggggg	360
agggnnagga	gggnnagagn	gncnngtggn	agggagncng	gnnnnggaan	gagcgaccng	420
gaggggaang	gnaggganng	ggngagggga	gaggnnggnn	agncgnagag	agggncnggg	480
nggannacgg	annacggng	cnangncntn	gaggcnnccn	nggggaggcc	nannanggtc	540
cgggggggnc	aggaaggann	caagggaatn	aggaaaanaa	gncgccaagg	ggngggnaag	600
nnгааанннн	gcangggggg	ganngccggg	agcgganngg	gnngagngan	agggnanngn	660
gggangaang	cgggnnnngg	ggaaggagng	gagnganaaa	angggccagg	gagggngggag	720
angngngac	cnnnggnana	ncaangggng	aaangcngga	ngggggnaga	gaggnnggan	780
naaccngaga	nggaaanggg	gangggggcc	aaaggggggg	gggagcccn	ggnggggaaa	840
aggganccag	nttaagaaaa	gagccggggn	agaggggnng	ggaanccaan	ngtgngagag	900
ggcgnccgaa	gatgnggaga	nnaaaccagg	ggganagcat	gggggatnan	aggganaacc	960
cgangangga	aaggcaaggg	gaacncnggg	anngggggaa	ncgnaagccg	ggggnggcng	1020
ggnaaanggg	aanagnngng	agggggggaa	ggggaaanant	gaaccnnggg	naggaaaaaa	1080
cgggggggaa	ntnaaaaaag	gggggggaaa	aggaaantgc	gggagccaan	gnntgaaaga	1140
aaaanaaata	gggnaagggg	ggggggggaga	naggggnaaa	aagggcctga	catagaggng	1200
gggggcgagt	atgggnnaaa	gaaaaagggg	gngntnnaaa	agggncncng	ngaggtanga	1260
ggggagggng	ggtngggaga	nagngaanaag	aagagcggaag	agatnagttn	naaaaaangg	1320
gngganaaan	ntgcgcaggg	gaagctgggg	aaagggnggg	ggacccann	agccncggga	1380
anatgtgncn	gggaaaaana	gggggggggn	gnnaaganag	ggggaaaaana	aaagggccca	1440
ccnggg						1446

<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4276
 ggtgggttttn angnnnnnttt ttctantngc agctacttgt tcttttttgca ggatcccatc 60
 gattcggntg gctctcccag cgtctgacct ggcgtgtctc tcagtcccat cccaaggcga 120
 tgttctctac cgctagatgg agcatcagac ctcaagtcaa gancatccca gttcactgnt 180
 gcttnnggtg gctctantct gggagggang gggagacttg aaaatgggan gatctcattg 240
 gcttgctaag gnttnggatt tacctcntat cactggagac ccattgtagc gacaangtca 300
 agggaaacnng aacttgttta ctatcngtgc gctctacatt gaatttaccg acaaactctg 360
 tgannaatcn gatatgaaca atgcacnctn nnctngtctn agacannnnn ttannaagaa 420
 ggngcacact gaacnnnctn acagcactnt tngntagggg cactgtactn tgacctgnat 480
 gaaantntan ccgaggccan aatngaccna ctatnaagct taacacngat tnnagnnata 540
 taatnaatga nnattnaana tgancctgan ctannagctt aatagtntctg atgggcctnc 600
 atgtnatntc aaaggncctt gaattggcta cttanaagga naatggccaa tngnacgtgt 660
 tnnangaaag ggaaacagga aangcnccta gtcccantgt aatngtctnt nggcaancaa 720
 nctgttttaa acggtntcgn aaaaaaanan ntccnnnnt nn 762

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (793)
 <223> n = A,T,C or G

<400> 4277
 ncnttttatca aancgnttgg gctactcgtt ctttctgcag gatcccatcc gattcgaatt 60
 cggcacgaga aagaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag 120
 tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc 180
 acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga 240
 tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga 300
 tcgaaagtca tataagcaca ggagcaaaag tcgggacaga gaacaagata gaaaatccaa 360
 ggagaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga 420
 aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgaggtca 480
 atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct 540
 gattnagacc tcagatcaga cagaggacta ctgggttcgaa gattttttgga anaatnctga 600
 ngaacgggat aaagtgaaga tcgncntttt aaaaaaatga ggttgaaaag aaagctatna 660
 gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttataa 720
 ggttaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttt 780
 ttattccctt tgg 793

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (903)
 <223> n = A,T,C or G

<400> 4278

```

ggtttntttt tttgnngntt ttgngcnttt tnagcgctnn tntctgatcc ccgctaattg      60
cattcggnccg ngctncccta cagatantgc atgcacnttg nagntaattc agtggtntta      120
acngntncat antntatcaa gcngtncatg aangtgtngt natnaaatgt ctatgtatct      180
ntagttacat tcaaattngn aactttataa acatgtntta tgcttgagga aattttctaag      240
gtggtagtagt aaatggaaac tttttgaagt agaccggata tgggctactt gtgactagac      300
ttttaaaactt tgctctttca ngcagaagcc tggtttctgg gagaacactg cacagcgatt      360
tctttccag gatttcacaa cttttnaagg gaagatnaat gaacatcnaa tttctaggta      420
tngaactatg ttattgaaag gaaaaggaac actggtggtt gtttcttaga ctcatgaaan      480
ttaataatta tgaangcaat gaaaaattaa nttgaaacat taaantctnc ntgacantng      540
gaatnattcc tttgccactt tnttgatta atttcagaan acnattccgt nntttnttcc      600
antntngcna acccatttnt nctggatnt tgngccatan ttttgacntc ccggtntntna      660
ttcannatnn ccttnncccg gtaatcgunc antttgggan atctggnant nttaaaaatat      720
gncntttata tatanttaat ttctttcann naaantttctg gnataggcct ggtnatttan      780
antnnntntt tatttgnggg nanancnntt tatcgtntan aanatttaac cncttnntnt      840
tttctgnngc ccttttcgta taaaaacctt cntntatntt tnnngacaat nttntntttt      900
nnc                                                                    903

```

<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4279

```

angcnagagc ccacggaatt tncatgcctt tategagnen gcnccegcgc ggannnaaac      60
agcnggaent gccncacgag nggantntgc nctttttttt gggccgncca nntcccacag      120
ncngangggg ggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn      180
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc      240
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac      300
ctgtnagtga tgggaaggna agaaaaattc agnatggana anaanaatcn gggcacncaa      360
acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnatg agtncanatc      420
natecnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga      480
atactangaa tggattacnt ttccggggta mnataaancn ggggnantaa atgatnangg      540
gaaancccaa aanctaccn nnantcnang gantntggaa tnccttactc ttcacaaaga      600
ncattttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcnt      660
ctnaagnggg ntgcgccggc ccnaaaaaat natnataatg gaccnggggn tcaaangnan      720
ctnacnggaa aaangaaagc ccggnaaagg accaggcntt tccaaggaan gaagggaaaa      780
tncccnegaa ancccccgga ataaantcca anggggttac acaaaaaagc catccccncg      840
aattaanccc aaaaaattgg gcagcc                                                                    866

```

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4280

```

gaancactcn tnatcgnttg caggatccct cgattcgaat tcggcacgag gctgggactg      60

```

```

acagcctgca gggtttccctt gggcgcgggcc ccaaaattgc cttcaaaaca aaccgaggac 120
ggttgaaagc cttcgaaacg tgcangggat gcctcggggc ctggcccttc gcttcctctc 180
ttgtgttatg gaaataaaaa caaataaaac tacaaaaaaa aaaaaaaaaa aactcgagcc 240
tctagaacta tagtgagtcg tattacgtag atccagacat gataagatac attgatgagt 300
ttggacaaac cacaactaga atgcagtga aaaaatgctt tatttgtgaa atttgtgatg 360
ctattgcttt atttgtaacc attataagct gcaataaaca agttaacaac aacaattgca 420
ttcattttat gtttcagggtt cagggggagg tgtgggagg tttttaattc gcggccgcgg 480
cgccaatgca ttgggcccgg taccagctt ttgttcctt tagtgagggt taattgcncg 540
cttggcgtaa tcatggcata gctgtttcct gtgtgaaatt gntatccgct cacaatttac 600
acaacatacg agcccgaggag cataaagtgt aaaagcctgg ggtgcctaata gaagtgaagt 660
aactcacatt aattgcgttg cgtttaattg gccgcttttc caatcgggga aacctgtcna 720
ngccanctgn attaataaat cggncacccg 750

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<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4281

```

cctntnnnnn antanantac ananntnntt cacnncant ntaatantnt cctntctanc 60
tctcttanant tttacgcnaa catatnncnn nnnctnatct tctncanatt ttananatat 120
acctnannct ccatncanna ggtngtnacn nnggataaat ngggngngtn gtaangagng 180
ctnatcnaac tactagggtg gaatnaattc ctncctntnt tctnactnag ntnaatcatc 240
gtacgaggaa aaaacaaagn antancttan gcctngaca aggatatnag cacctaattgt 300
actnntaagc ttaacctggn ggnaancccn natanncgta aantganant annnaatgcc 360
acangtgnag ntntgcatcc cctgaaannc tnanaacaaa tgnntaanga ntatgnctgt 420
cttaantatt ctttcactta nttagttcna ctgcanacc ccatcctggn aggggttatt 480
cggngagtaa ggtactttca taagtntaa acanaatgat atntgntatt acgntaacct 540
ttctcttgat gacaatgana aananaagcc agtttcaca gaagactana naannannng 600
ttnggggtgn tctnctggn ngntatcnnt tnttgccana cttttcccn cattttaaaa 660
nngtnnaaca ntnggaten tttcattntn nctttcggt aannttttaa tcntcntnac 720
naattggaan canatatttn ncccaantnn ncttttaaaa atcttttagc caacancttc 780
ttctannnaa antngnaana accctntnnn atactaatga aannntgnct attatnctna 840
cnttgtttaa aanaatcnta ttcttngnga naccnantt attcnggttt cncctcttt 900
nctttnncna nangctcnt naantgnca caatancggt ctaaanctgn gnatncacan 960
nttcacctta ccttacnta ntnantntnc ttgananant aantaggntc ctcttagcct 1020
caaatnaaaa taactttnnn aacntntata nctntgcaaa cntntttnc anncntnaat 1080
atccaatttn cncg 1094

```

<210> 4282

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1247)

<223> n = A,T,C or G

<400> 4282

```

nnggatnnnn cgcgtcnncg cnatgtgcna nnaacacnan tgtgtgntgg ngcnctngtn 60

```

```

ttttacngnt gatnacnnag atnttnttnc tcccnggnga cgattgnaat cctanacaga      120
ctacttggtg ctnnttgtag gtacccatcg attcgaatnc ggcaacggagg cnancannnn      180
tngggacnng gnttaantgg cgnccgnnnnt mnnnacnana gggnacgnan annnttcnta      240
acaccttnnn angttaatnn actntgcagc nntannnnct ccntaanngn nngtancngn      300
nntnaggntn nnngcagtna cnaantangc tacagnnnac gntnaaatnn ttngnnnnnn      360
naaaantgan ggagncaaaat agtgntngnt gnanncgtnn aanatnnngn cagatnggtc      420
atnnngnnnn tnnttnatnt ggnaacntan ttngnnantn ntngntnnag catnnngnag      480
natnntnata tntntaactg ntntgaccaa atncatnaac nnaattactg nanganaanc      540
ngccnntntt ntntntatng ntancnagan ngtgagggcg nngnagtgan gatgtgtaga      600
annagntnng aagtnatgcn acacgtttat atgtnnctnt tatcagngga ananngatnt      660
ntannngnttg acngnnntnn ngctaaagan aanaggnnna gcgaganngn agnnntctgt      720
acagantccc ncnaantgtn ngncgcgcga anaatcnata taattcnnta tgggttatcnn      780
tgtaggggag ttcnacacga tnaattatac tnacgattcg tangttntctt acncaatanc      840
gcncgctgtn anannnnntcn anntcgcgaa actatagtan cncngnnagg gnaaagatnc      900
annnggtacg caattaaana cnangcantn nntgnnngan atgtacgtaa ccatantgnn      960
tacntactan nntacatgng ntntatnttn tngcgatgat atcgtnant atatatgncg      1020
antgatntat natnctctac tnatagantt gtatntnnac anaagatnaa tatctacatn      1080
tantancana gatangctgc aaatnactgg ngnacacntc atanataana ccnncaanan      1140
tgcgannnat catnatagag tgactntatt atannaaaaa taaccantnc gtganatnga      1200
nnntnaatnt acgtggttng atgategcta cgtanaaccn cngnnncn      1247

```

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 4283

```

cctgctgtng ggnanatanana ncgtgctcnn tttgtacttc cccgnatggn ccatcnacnc      60
gacgagoccta acgcttggtca actngnggga tengantng agantgactt tgtgncatnc      120
ntgantanan ctgtangttn gtgaaancca nactacnng cctcngnctc atcacctctt      180
acacattecn nanantnnncn cagtctnnan aangagnct ngatnannaa naagagnctn      240
tgnannaaca ggnntnnnaa gcnnngnnnn actnanagcn tgngaantga ncgnnnnctt      300
gggtctgngtc cggtaagaag acancantng cncanngaen ggnnanncgn caggccantn      360
aangnagent gcgntnannt tnnatgaagt tgagnatggt naacnnaatn tcnaacngnn      420
ctntgtncnt gnnngnnaca cntgcctgan aancntanan ancnngnant agantncnnn      480
aacncngatc ttatanncac tttggaanaa gcactnactn cctnacnggg catcctnttt      540
gagancagga canctgttgn ngggacgccc catgacacng gccagaana ctccgggttn      600
tttgnntttc agcnnnaaan ggcgaaagtga tttcctnttn cntncngngn acncatnggc      660
tcatgnnccc cctnaaannt nnttanngnn cntcgntana caccctnnat ngcnaanggc      720
ccaangntnc nanttcgna ccntttacca tnaaggatat taccnnaacc gtgccttttn      780
gantngccag ncnattggnn nttntnttgn accatttngg naaaggggca aantntttan      840
ncgtcnc

```

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4284

```

gncntttgan ttcataataca agctacttgt tctttttgca ggatcccatc gattcgctgc      60
agcgtctggn gtttncnttg cagncctcgg aaccagnacc tcngcgtggc ctacagagtt      120
atggcgacaa naggcctgtg gcgtgctgaa tggcgacggc ccagtgcagg gcatgatcna      180
tttncagcng aaagananta atggaccagn naacgtgtgg ggangcattn aaggactgac      240
tgaangcctg catggattcc atgttcatga ntttngagat aatacatgag gctgtaccan      300
tgcaggncct cactttantc ctctatecan aaaacanngt gggccaangg atgaanagag      360
gcntgttgga nacttggnga atgtgactgc tgacaaaaga tgggtgtggnc nnatgtgtct      420
attgaagatt ctgtgatctn actctnagna gaccatttgc ntcattggcc cgtacactgt      480
tgggtccatga naaaagcaca tgacttgggc aaaggtggaa atgaagaang tacatngaca      540
ggaaacgctg naatgatttg gcttgtngtg taattggnat cccnaataa acatcccttg      600
gatgaagctt gaggcctttt aattcatttt ttnantccng nnaccttggt aantggnacn      660
tggaacactt aaccctttnn tttntaaaaa ggagaaanng tnttntnttt nanangagtt      720
ttttaanccc cttggtcgan aaaanttnnt ttttnatttn t                                761

```

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4285

```

tnnctaatan nanaatnctn cttnttgntc tntttgcagg atcccatcga ttcgannntnc      60
ngangaggag annctgtcgg ncatgtgggt gaancnggnt ncggacntgn catngncntg      120
tgcentgtna actacaggca ctgncnnttt ggaacaactc anggcattca tgcaaggctc      180
atnctgtggg nannaanngg gactaacatt attggtgcgg ctncnaagc atggtntcnt      240
natggatgna ttctgtccct gtgncnntga tanmntatna annactgaa gatnncnatn      300
aagttaaatn taaagagnat ggcntatnaa cngatcaggt angganntac nntggcaacn      360
cgagacactg tnngtncnaag agcgcnntgn ggcntgctca ataactngng ccacaggcna      420
cacnataatn tactctatan atgcnctcaa tacnccggtn acnntnnnna ggacngntca      480
ttattangcn ctcttgact gnaccgnact tgtctctgna cagngatnnn ccncgtncct      540
tanaaagnag ttctacnaa acntgntang cattatanan gtatgcctgc attngaactg      600
nacgtctntg agactntcaa taacgtggtn canttggnat tncaagccac ntatttgagn      660
gataacnntg gcgantgatc atncttactn ggcccttaat gttcncaant tgcantnagc      720
tngcctcca ngaaaacctn gttttcccggt ttggganata aaaacnggga ncctggaatg      780
caatggnaaa aanccgntta gaann                                805

```

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4286

```

tnnctaatan nanaatnctn cttnttgntc tntttgcagg atcccatcga ttcgannntnc      60
ngangaggag annctgtcgg ncatgtgggt gaancnggnt ncggacntgn catngncntg      120

```

tgccntgttna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atncctgtgg	nannaanngg	gactaacatt	attgggtg	ctnccnaagc	atgggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnncnatn	300
aagttaaata	taaagagnat	ggcntatnaa	cngatcagg	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcncctcaa	tacnccggtn	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccncgtncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngccntcca	ngaaaacctn	gttttcccgg	ttggganata	aaaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4287

gnccnttttg	aattcanata	caagctactt	gttctttttg	caggatccca	tcgattcgct	60
gcagcgtctg	gggtttccgt	tgagtcctc	ggaaccagga	cctcggcgtg	gcctatcgag	120
ttatggcgac	naaggccgtg	tgctgtctga	agggcgacgg	cccagtgc	ggcatcatca	180
atttcgagca	naaggaaagt	aatggaccag	tgaagggtgtg	gggaagcatt	aaaggactga	240
ctgaaggcct	gcattggattc	catgttcatg	agtttggaga	taatacagca	ggctgtacca	300
gtgcangtcc	tcactttaat	cctctatcca	gaaaacacgg	tgggccaag	gatgaagaga	360
ggcatgttgg	agacttgggc	aatgtgactg	ctgacaaaga	tgggtgtggc	gatgtgtcta	420
ttgaagattc	tgtgatctca	ctctcaggag	accattgcat	cattggccgc	acactgggtg	480
tccatgaaaa	agcanatnac	ttgtgcanag	gtggaaatga	agaaagttca	aagacaggan	540
acgctggaag	tcgnttggct	ngaggtgtaa	ttgggatcgn	ccaatnaaca	ttcccttgga	600
tgtagtctga	gccccctact	catctggtat	cctgctagct	gcagaaatgt	atcctgataa	660
cnttaacact	gcattctaaa	agtgtaatg	agtgactttt	canagtgtct	taaagtacct	720
gtagagagaa	ctgattatga	tcactt				746

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4288

nnatatnang	gnnnctnntt	acttgctctn	tctgcaggat	cccatcgatt	cgagaccaac	60
ccgcctgcag	gaggtctctga	acctcttcaa	gagcctctgg	aacaacagat	ggctgcgcac	120
catctctgtg	atcctgttcc	tcaacaagca	agatctgctc	gctgagaaag	tccttgctgg	180
gaaatcgaag	attgaggact	actttccaga	atttgctcgc	tacactactc	ctgaggatgc	240
tactcccgag	cccgagagg	acccacgcgt	gaccggggcc	aagtacttca	ttcgagatga	300
gtttctgagg	atcagcactg	ccagtggaga	tgggcgtcac	tactgctacc	ctcatttcac	360
ctgcgctgtg	gacactgaga	acatccgccg	tgtgttcaac	gactgcctgt	acatcattca	420

gcgcacatgcac	cttcgctcagt	acgagctgct	ctaagaaggg	aacccccaaa	tttaattaaa	480
gccttaagca	caattaatta	aaagtgaac	gtaattgtac	aagcagttaa	tcaccaccca	540
tagggcatga	ttacaaagc	aacctttccc	ttccccgagt	gattttgcga	aacccccctt	600
tcccttcagc	ttgcttagtg	ttccaaattt	agaaagctta	aggcggccta	cagaaaaagg	660
aaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaat	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289

<211> 1563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1563)

<223> n = A,T,C or G

<400> 4289

gngaannaaa	ggaacgaccg	gnaaaaangn	naccgcggcg	nncacngacn	gnnaatacnn	60
ngcgacggnn	cgtgnaaaaag	nggngaggcg	naagtgggcn	naaataaana	aaacgcggcg	120
agagcancng	nngaactann	tngcagaaga	gatggtnnan	gcacggagng	gnccgttttt	180
gaaaaccncc	tcggtncaan	gccccncgga	naaatngtac	gcgtgngtaa	gaaaggccng	240
nnaccgtgna	aantcgtgcc	gnntggagcg	agcgnagaaa	anncaagtgc	naagacgacg	300
aantttttgt	gncncnagt	ngaanannag	gtggcnnacg	ngggnggggg	gggngntgna	360
gangngaate	gtnagnngan	gntaaaanac	ncgcgngnng	gacacaaaag	angganancn	420
natgnggna	gagaantnng	gtaancgnng	nnaggagaag	cgnnngnana	ggngnaggta	480
tnngnagagc	gnancannng	atncgaggga	aaagcggngc	gagaaacatn	nnnncagaca	540
atggngcgag	aggaaacggn	gcngcggaan	nnnaaannaa	ntagagagan	acnnngnagt	600
ggnananaaa	ngngggngga	ggaanngggn	nnnganggaga	tagagncacg	gggcgtgana	660
nacaaacaga	aagtgcagtg	nnatagangn	ncgnaacntg	nangangngg	catannnnng	720
ganaganata	anntccnaga	tagagacgac	ggggcgcnta	nnngnnnaga	ttgncggaca	780
ancgctgatg	cgtnccnnang	ntgagagaaa	gcgangncan	ctcagggggg	ggaagggngg	840
tgtagnagagc	gnacncaa	ggagaaagaa	cggtggaaga	caacgacgag	gngnacacac	900
gntngagacg	tgggcaaaca	nagcncangn	tnantngagt	gngncgatgt	aagtgcacntg	960
aaacatacna	nctcggnngg	agggnataan	aanagggaatg	ngnggnangc	gaaganaagn	1020
ntntncgtaa	anaactagan	ggncgcanaa	nnnggngagg	cgaagacgat	gannnangan	1080
aaaggnggat	cnaacggann	nncgnatgcn	attntggcnc	acngtaatat	atggannagc	1140
gaggacatng	gcgnnngaga	angccggaan	gacggaagat	agaatgnaan	attgngggga	1200
gngnnagnaa	tgaacgnnna	ngacgngcag	gtttgngagn	ggagnangaa	ggggagggag	1260
gacgagggtn	gtagnggagn	nggacgagtg	ancgcngagt	gagatncaag	gacgaagana	1320
nacnnngngg	anncgtagnt	cgcgataacg	nnataangag	nnanagngga	nnanataacc	1380
gaanncnaga	nncacgtggn	ganntgcaaa	aaaagaancg	ggntnggcan	gacgatgcgg	1440
nnngagaagg	ganaaatnac	ncagggaann	tgggnggaac	nncaatangn	gtncnangcg	1500
gaaaaangng	ngataaggna	anganggata	gcnancgggn	gacnanngtn	ncnagnagaag	1560
ccg						1563

<210> 4290

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4290

gaagtnctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tnacgtgtcg	ncggggcggt	60
cgcagacttc	agggtntctt	aacggagagg	ccaggcnccg	cgtggccnga	caactncctg	120
ncegctcett	cagcaagtga	ctgtctntnn	cactncttac	ctgctgaang	atctngetca	180
gcngctggaa	caatgctgct	gtnacacant	ctcnnctntg	cnacttnagg	atgctncttg	240
gtcaccaggn	antggganct	gtagaccngn	cgcatgcact	tnncnecat	tactgctga	300
ctggcttanc	tgnnatangt	tcnagngacc	gggacttntc	ttanagtcag	nagccctcnc	360
aactacntca	tacntctgca	tctgannatt	ttcacagagg	nnttntcttn	gaagngact	420
tggcaagnct	tacaagttga	tnnatngnna	ttggnaantn	cntttcttca	aatgctaaaa	480
ntcatgtcct	cataaatgca	antgatttta	gancacaann	tcccatgta	cannttccat	540
tanttaaact	agaccaatgt	gtacgggtca	tttgnngtat	tgnggaacat	cnnggttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttngtctcnc	660
taagtgtagt	taacttgcag	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tgggganecat	cttaactntt	ng			752

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4291

annnnnnnnn	nnnnnngnnn	nnnnnngggg	nnnnngnnnn	gnnnnnnnnn	nnggnnnnnn	60
nngggnnnnn	nnnnnngggn	nnggngncng	atangnagac	ccgttnatac	aacgaccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnggg	180
acncngnnan	gaaaaganag	gnnagggngg	ggcgacaggn	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnaaacacn	nncnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaaganngng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagggg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgnngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cggggggnccn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4292

aangnnngng	ggntgtnttt	nntggntggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatncgggc	gntncgannn	gntgtntctgn	gttnnatctt	ntaaatngct	120
tgtccttatt	atgttgttgn	ttaacanctt	aaacgctanc	tctagaccag	gaataattat	180

ttgctatata	ttacagcaaa	aaatatgtat	gtntaaatgg	actcattcaa	gaatatataa	240
gngaactcct	attacaaaga	aattgncaaa	cagcccagta	tatnaatgaa	tataaaaatt	300
tgagaagata	ttttncatng	naagatntcn	aantgaacat	tnggcatgnn	aaaaccaa	360
tttaggatat	nactacacac	tctggncatg	ttttaaagac	tganaaatatt	aagtgtgtgg	420
naatgtnnan	caantggaaa	tggcctgcat	ntngcatnga	aatgtaaaac	antacatata	480
ctntgcaaaa	ctctgtccaa	cattntctac	ccattnacca	agcaactnca	tcncctagct	540
atanataccc	agggaaaata	agtanggtat	cttcacagaa	atnattgtat	gaagaaatat	600
tcatagttac	ttattgcacn	tgtcagttat	cangtnaanc	tgtctcncat	cnggaaaaat	660
gggatatcaa	aattggtgtg	gataatnaat	acaancaatt	agggatatta	cttggngcna	720
aacaaaaaat	gaanacangg	ggaaaatnca	cattcaaacc	aaantangtg	gcatattata	780
cccacg						786

<210> 4293

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4293

angcnagagc	ccacggaatt	tncatgcctt	tatcgagncn	gcnccegcgc	ggannnaaac	60
agcnggaent	gecnacagag	nggantntgc	ncTTTTTTTT	gggcgcgncca	nntccacag	120
ncngangggg	ggTTaatnnc	ngaacgctgn	agaatannta	ttgatgagca	ncngagaagn	180
aacatgnnca	tggccaccag	gcncgnccac	tcacngcaaa	agtgaaccaag	ccagcangtc	240
acccttaact	ggcagaaacc	aanatcaggg	nggnagnccg	gacttnaaat	gcnnagaaac	300
ctgtnagtga	tggagggna	agaaaaattc	agnatggana	anaanaatcn	gggcacncaa	360
acaaattcac	tganaantcc	anaagnctat	tnanaaacia	gatagcnatg	agtncanatc	420
natecnantg	gnctntntaat	nntacaacca	anccttaacc	ttccactcta	aaggggaagga	480
atactangaa	tggattacnt	ttccggggta	nnataaancn	gggggnantaa	atgatnangg	540
gaaancccaa	aanctaccen	nnantcnang	gantntggaa	tnccttactc	ttcatcaaga	600
ncatttccag	nttctaaggg	gaccccttta	cnaanttnaa	aanggattcn	annttggcnt	660
ctnaagnggg	ntcgcccggc	cccnaaaaat	natnataatg	gaccnggggn	tcaangnan	720
ctnacnggaa	aaangaaagc	ccggnaaagg	accaggcntt	tccaaggaan	gaagggaaaa	780
tncccncgaa	ancccccgga	ataaanctca	anggggttac	acaaaaaagc	catccccncg	840
aattaanccc	aaaaaattgg	gcagcc				866

<210> 4294

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4294

ggnnnnnnnn	cnggnttnnn	nnnttgcttc	tnagccttng	catttgactc	ctgcaggatc	60
ccatcgattc	gaattcggca	cgagcttttag	ttcagataaa	ggaaacatcc	aaaaatactg	120
agatgagtaa	aattttattc	aaagtagggt	cctgctttgt	cttgatctca	atccattcta	180
actcctgatg	tcatttaccg	tgtgagatct	tagtacaatc	atgaaaagaa	tatgagcatt	240
tatcaaaact	ctctgacatc	tgtatgttta	gaaatgaact	tacacagcaa	aatatgattt	300
ccttgcaact	atttaatttt	tctaacttca	atttctacct	atgtgtctct	gccagtttga	360

```

cctgattcag acaccagaa cttgaataaa gaagccctct tctattttca ttcttaatga      420
atataccttt tcccatgtcc acattgagcc tcccttctgt gtactctgct aatgcagcca      480
catgtctagt tccccctctc tgcaccaccc tcacttcttc tttcccatct tcttacttct      540
ttggtgtgac ctctctgtag gacaacatgc catttctgat tccccacaca cataccctat      600
cattgatacc taccctcang gattagaatc tggctagtaa tttggaagag cccatcaagg      660
ctttagtaaa gtattggact ggnaagtcaa caccattat ctcataaaaa gggatgctgt      720
gttgggggca nanggagaga gagagagaga gaccganaga gagacagacn gagagagaga      780
aaggaat                                           787

```

<210> 4295

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4295

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ggnttnnnnt nntgccttan aagccttgcn tangatgccn ttnggatccc atcgattcga      60
attcggcacg agggaaaccat gagaaccgaa gctagaattg ctattgaatt actttatttt      120
ctcttccctt attgggtaga gatacatcat tactggcctc aggggtttac ccaaagaaag      180
ggtatttttg agcaaataat gtgatttcct ggctattttg ttgggggctt aagatttttt      240
tttttcaaat gcatttttag tcactaaaaa ttaactgtcg taccatctag aactatactg      300
tccagtacca tagcctctag ccgtatgtan gctatttgta ttaagattaa ttgaaatttt      360
aaatccagtt cctcagtcac actagccact ttctaagtgc tcagtagctc tgtgtgacca      420
gcggctactg tattggatat tatagaaggt tctttcattc aagatcatca ttcttgacag      480
accataaat atttcctata aagactgtag aagtgtgttc tggagggttt gctctccaaa      540
aagaattgta atatatagta gaattgggat agagtattga anacactggg tttagacatt      600
ggatatttta aatgattgng gtgttcaatt catgtgctgc ccaactggag ttatctagtg      660
gatattgacc ctactggct tgacaaaaag cccggaatag aaaggcaggg aattcctgaa      720
attctaactt taaaaatttg gcaatggaaa aagccctttt nccctaaaat tantcccatt      780
nttgtaaatt ccttg                                           795

```

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4296

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taagttgctc tgttcttttt gcaggatccc tcgattcgaa ttcggcacga gactggagtt      60
aaggaggtag atgacttctt tgagcaagag aagaacttcc ttattaacta ttacaatagg      120
atcaaagatt cttgtgtgaa agctgacaaa atgaccagat ctcataaaaa tgttgccgat      180
gactatatcc acaccgcagc ctgcttacat agcctggctt tagaagagcc cacagtcac      240
aaaaagtacc tattgaaggt tgctgagcta tttgaaaaac taaggaaagt agagggtcga      300
gtttcatcag atgaagattt gaagctaaca gagctcctcc gatactacat gctcaacatt      360
gaagctgcta aggatctctt atacagacgc accaaagccc tcattgacta tgagaactca      420
aaciaagctc tggataaggc ccggttaaag agcanagacg tcaagttggc tgangcacac      480
cagcangagt gctgccagaa atttgaacaa ctttccgaat ctgcaaanga agaactgatn      540
aatttcaaac ggaaganagt ggcagcattt anaaagaatc taattgaaat gtctgaactg      600

```

gaaataaaac	atgccangaa	caatgtctec	cttttgcaga	ctgtattgac	ttgttcaaga	660
atactgatat	gccttcctca	gaagaaaaga	aatgaatgtg	aaagaaagcc	agcctcactg	720
ccttaaataca	ttacccggaa					740

<210> 4297

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 4297

cccccatata	aanananacc	cngngnacna	annacacacc	cannaanana	taatanngcn	60
ataagnnnac	angggggaac	aggggantn	ggncgaatga	ngacnncaat	tnacaggnat	120
ttaattccaa	nnnnntnana	ctacngnccc	nnanacnna	cgagnatnca	ncccaagnag	180
nancngacan	tcagangagc	gtnttacaan	nacngcaann	acnngaccag	ncngganega	240
taangggggn	caaancanna	nttccangga	tcangcatag	tacnaccnct	gaatnggtac	300
cattncnact	ttacnchnga	cnaacaagta	tccttgntgg	cctnaaaaatn	caagttgaaa	360
atnaantcng	aantctncca	gancaaanan	gacatncann	ccnatnnmtt	anantacnaa	420
ntatcnaatg	ntanaaatcc	atggnnnaaga	cataaaaact	nncagctata	naaananctn	480
ntaaanggct	attnggatnt	aaaaaccana	tnatnnnacc	ntncaacnac	ctannnnntna	540
agaaancann	tnnncaanaa	ntacnancca	atnnncagan	ggacgmnaaa	tgnnnacant	600
cangaaattg	aaaccngana	agncccnatn	naangnnmta	aaaacntcag	cggcaaattcc	660
cncatnccac	naanggnntn	ncggaaaang	gmmntaact	ggntaacncc	natantntaa	720
aacgggaacc	atcgccaatg	cgtnccgtan	ccaacanann	taaaacgatc	nacannacca	780
cagnnnenta	ttnaagaatc	tnganannca	cacttacnna	ttcaaatagg	ngncntnnnn	840
tgnatatnta	ncnnatnngc	cacatctnat	ntatcaccnc	annctcanng	ntcnnacanc	900
atggagagca	tntcngngana	caancngngt	annancacat	cncancanng	cgaaacncca	960
natatntacn	tgggtantca	ncgcgnaact	gcgcgcgcgn	agnatnagat	cacattatnt	1020
gatactacag	ctaaaangac	acacattaca	nngtntntac	anaaataactn	tacnntcnan	1080
acncnttaca	cacaaaaatt	acctcanagg	gaganannta	catatctnaa	aacanccccn	1140
anantnancn	naaaagactc	cntacgcgna	nanagtgcgc	tctcgnaann	g	1191

<210> 4298

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4298

ntnccgtttnn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtatttcta	gccagaataa	tttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcatcca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgtcagtgtc	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttgggggt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttctgtgc	tccgtgtgtc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagatata	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtgggtg	atgaggttgg	agttcgaaag	aagaagcaag	540

cgctggcctg	ccttgaaaga	accgaagtct	ttccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4299

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4299

ntnctgtttn	ntanaacntt	gntcttttn	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	tttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcattca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtc	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttggggtt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttctgtgc	tccgtgtgtc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aataagatac	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtggtgg	atgagggttg	agttcgaaag	aagaagcaag	540
cgctggcctg	ccttgaaaga	accgaagtct	ttccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggt	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4300

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4300

gctnntgacc	annntanngn	tnngaatcnc	antcgttnna	tnngcncntng	attcgaattc	60
ggcacntggn	gtctnntggn	tctgtgttgg	caagggtag	ttaccaagt	agcaagatng	120
ttccctncta	acaggetccg	acgggtgaac	agtntgngtg	ntatccatac	ncaggcacat	180
gccatcggtc	tacagcangg	tctcaactg	gtgcctgctg	gccctggggg	angaggcaaa	240
gctgtggctc	ccagcaaagc	agancaaaaa	gagttcgccc	atggatcgaa	cantgacnag	300
tatcngcnac	gccgagagag	gaacatcatg	gctgngaaaa	agagccggtt	gaaaagcaag	360
cangaaagct	caagacacac	tgcaagagtc	aatcagctca	naagaagata	atgaacgggt	420
ggaagcaaaa	atcaaattgc	ntgaccaagg	aattaaatgt	nctcaaanga	tttgnttctt	480
gagcatgcac	acaatcttgc	agacaacgtt	cagtcattta	ncacttgaaa	aatttcgaca	540
agcagatggg	ngncaatggc	acggaccant	tgacccttaa	ccccctttcc	aagactttta	600
naagcttgna	ggcttttgaa	tggtctaaan	gggtgtggac	cccccggnaa	cctcnnctcat	660
tgctancngg	gcntnaaaaa	ntttggccca	ttntccctnt	tgaacttcan	nagnacccca	720
tttggtaggc	ctatttttcc	tggtgggann	aaatccctnc	aataanttnt	nnnttnnncn	780
ttaaaannng	ttnnccnttn	ngnatcccg	attatccngg	gnttttaaaa	nggatnanan	840
ggntttttct						850

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4301
 cnatcatctt tgnttctata ctcagcttgc ntgtanagna ngtcggggtt accgnncncc 60
 anngtaccct atanngantn gtantacaaa gagactnann gcnnttnaan ggccgcgtta 120
 ctacananna cmnantngtn acncnctngn atcaccnanc ttaatctcct tgtancacat 180
 ncctnctttt gccagctngc ntgatngcga agaggncctt accnatcgcn cttncaaaca 240
 gatgnggcaa actgaatggc aaatggacnc gccctgaacc cncgcatnaa gcgctgttgc 300
 tgtgcaggtt acccgncag tnacccanta caettncan cgccttagcn ccttttctt 360
 cctttctttt tcnttacgta cncnmatnt gcgnnggatn nttnnantaa gctntnaatt 420
 ttaggcttcc natacngtnc ntaantagng ctttaccgca cntngatcnn tnaaaantng 480
 nntanggtna ngggtcanat accgtgccat acccttgtag accnttnntt ncnnttgaac 540
 gtngaagtan atcgttcntt aataatncac tcttggancc aaactggaac cananctcga 600
 cccaatctnc nggntatntn ttnggattta taaagngatt antgcccttt gtnnnaacta 660
 ttggggcttg anatntgncc aanattttta cgatgaaatt ttaaaccgcg aaattttaac 720
 ncaaaaaatt ttaccgcttt ancaatgtta tttggaatgc ctntaaaccc cctttntann 780
 tcnctcccc 790

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4302
 catatactt tgattcctt naacccttnc naactacttg ttctttttgc aggatcccat 60
 cgattcgaat tgggcaagag ccaacgatct gtatcaacca cgtcttcatt ttctttttcc 120
 tgtttgnctt actctcccc caaaaagagt cagtttctctg tttctcfaat ttctcagttt 180
 aaaattagag ccttatggca ggtgccatgt acagctgcaa aggtggcaag aagccctgag 240
 aaagctcaag aacaggtcaa ggggggtgggt aaggaagatg ggacgttcaa gcagaaacaa 300
 aaagaggagc taaaagtga agccaccccg ccaccagccc tcaccagtca caggtggaat 360
 taaagaaatc tggcaaaaaa taaattttgt taccgtgct tggggcggtg acccttgacc 420
 ccattcctat ttaaaccatct ggattctctg ccataacatc ttttgccacc tatagctaca 480
 ataaagtgtc gtcttggagt ctgttgtaca tttacaata aactttttgt naggaaagta 540
 aaaaanantc tacagttcaa tgcaggatan ggatgggtgg gccttaattc aggaggtggg 600
 aggtcaaaaa tcaattactc tgtttganga gatggaatct nctggaatct caaaaangga 660
 ttttctttta ngaatcatca agactcatcc cgacttcgtc aagtcttttc tcttggtggg 720
 agttatgggt ttggntttta attttngttt tgggtttttt ttttgggggg ggnaa 775

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (940)
 <223> n = A,T,C or G

<400> 4303

gtttcataca	agctaactng	gttttttttta	aaagccccgt	ttccccaatc	ggnatttgng	60
gtgcnactgc	ggggagggag	ancccntacc	ngangnacc	naattgcggg	ccacgggagg	120
gcgtanacac	ttttnacngn	gtanatggcc	ggagnngng	nttttancca	nattttantt	180
nntgggcnc	ccngtgctc	tggtcagnc	tttaagtgg	tnaanangca	cgngcctanc	240
ccctaantta	aaatncccc	gnanaanact	nttgcgcnat	naacatcact	gannggtgtt	300
tctnatagta	tgntntacac	ctatnacant	ttccctcaat	antnattacc	tgtagncaa	360
gtggncanac	ttnanngcag	agtnaactnc	angnggtttc	tnaatnggmn	natntcggac	420
ngtctngtan	anttgacaac	gnaaatatat	gacgcnatn	ggaaaatnat	tgtngntatg	480
caaggcnttg	cgnggtccan	cntantnctn	atgttgaaaa	tncganttat	aactnmtatg	540
angctgcttg	ttnnatttga	naancntttc	ctaanntctt	tganncgcn	attaaanann	600
tngttnntga	natnganagc	ntaacacccg	ctacaanac	tagnttgnac	tnaatgntga	660
aaactccgaa	cctctgngaa	attcatgttt	nattttgatg	aacngggcct	ccaatntnnt	720
attcggnntt	ntannnggac	gnnacctgtt	gatanngctt	ttttcttttn	cntntnanng	780
aanaatnaac	ctanntaact	caaangcnct	anttgatctc	antaaaaanc	ngantgnaan	840
tnncnattga	ntttnaaagc	gggntttant	ttaaaaaac	ntcccttttg	ggncgtgtggg	900
tngttgncna	cncnanangg	tgnaaaattt	tttttttncg			940

<210> 4304
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (881)
 <223> n = A,T,C or G

<400> 4304

annnnnnnnnn	nnnnnnngnnn	nnnnnnngggg	nnnnngggnnn	gnnnnnnnann	nnngnnnnnnn	60
nnngggnnnnn	nnnnnnngggn	nnngngncng	atangnagac	ccgttnatac	aacgaccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnagggng	ggcgacaggn	nganacagnc	nnagaaaaag	240
caggannnag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnnaacacn	nnnnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanacngc	agcaaagnca	gcanaganac	gcaaagggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgnnngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggnnggccc	ggcnacagng	gccacgncnn	cgggggnccn	720
ggcncccgaag	gggaggggcn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaaccca	nccncggagn	gnaaaaaggg	840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4305
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (891)
 <223> n = A,T,C or G

<400> 4305
 annatecttc tgangttngt ctngctcttt ctgcaggatc cctcgattcg tnagtgtctg 60
 nntgncaggc cctcaaaga ttctnggnc ttttcccatg tgnttgaaga agaantcnat 120
 ngncnntcat tgaatcaaac tggaaaacct gctggcntgc tgetgacgac tctgnggcta 180
 ncaaggtnct anactcnaa aacatgangg tngtnaganc ctcnncgaga catnccaata 240
 tctgctcttc agtggctttg cngnctcaga ggcctcanag cctgctgtca tgtggacctg 300
 gatatgcagg tgatgctgng gactcttcaa aaagcccnac cactctgnga ttacgaatnt 360
 acangacaga tganacacga acatgatgna aagcccacca tnaccnntan agcncttaaa 420
 ccctgnccta gnncattcna tcnanggggn ttctntnngc tatattggta gttgcnnngc 480
 ngacnatggt aaanggacna atnattcggg tgatgggact gnantgtgan cnggnctng 540
 naattanggg gccanncttc tagggnggtc ccnncnctg cctntcnntc canaaatgcn 600
 tanacgctgc ttntacctgg gaagngnatg gatgngnaaa gaaacncnt nnttgngn 660
 ctttgccaca cncnnggggn aaacttttga gncannaaaa naccnctta taaccanntt 720
 tncntccnc taaaaacttg ttacnncnaa cntatnggca ataggnaaaa acccctttac 780
 aggnaccgn aaaaccttg gcaacnccan aanntntgnc gttnggggaa aaaantacct 840
 ttggcccgnt ttttttacag ntngacnca aaaantttaa agggaaancc c 891

<210> 4306
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (770)
 <223> n = A,T,C or G

<400> 4306
 ntcnncttt aancnctat ccttctcnaa acctttggaa cgcncnctnt ctncaggaan 60
 cctcgctnna gatnctcacc tctnnnggt ctngnntngt ctgcctacat tcccacagca 120
 gacaagggtg anaatccatn gctgnaatct tggattgat gagttncagt gatggaacat 180
 gtgcttgccc acaggcaggc ccagtcactg caaaagtgc caanccanca ggtcacccctt 240
 aacttcagaa acaattattg gtggtgaact gtacttaaat tgcagagaaa cctgtaagta 300
 atggaaggtn aanaaaaatt acanaatgga aatnatatt ttgggcaagc aaacanattc 360
 actgagaatt ccaaaagtat attaaaaaag aagatagcta tgagttcaga tctatcttat 420
 tggctcttaa tattacaacc aatccttaac tttccactat aaangaagga ttactanatt 480
 gattactttc tgggtagata atctggtaat aaatgatagg gaaatcaaaa attactttta 540
 tttaggagtt ngaattctta ctctcatcag acattttttt tctangggac ncttactaat 600
 taaatgaatt taaagttggt ccttangng tcntngccc ntantatatt tatnactgng 660
 ttaatganta ntggaattnt gccggaanga cagnttcang aagaggaant cncgaancct 720
 gataatctat ggggttagaaa gntccctgn atatcnaaaa ttgccanttt 770

<210> 4307
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (732)
 <223> n = A,T,C or G

<400> 4307

gnggggnttt	ttnatatana	cangctactt	gttctttttt	caggatccca	tegattcgaa	60
ttcggcacga	gggccctcat	ctccagctaa	ctgtggagaa	gcccctgggg	gctccctgat	120
taatggaggc	ttagctttct	ggatggcatc	tagccagagg	ctggagacag	gtgtgcccct	180
ggtggtcaca	ggctgtgcct	tggtttcctg	agccaccttt	actctgctct	atgccaggct	240
gtgctagcaa	cacccaaagg	tggcctgcgg	ggagccatca	cctaggactg	actcggcagt	300
gtgcagtggg	gcctgcactg	tctcagccaa	cccgtctccac	taccggcgag	ggtacacatt	360
cgcaccccta	cttnacagag	gaagaaacct	ggaaccagag	ggggcgtgcc	tgccaagctc	420
acacagcang	aactgagcca	gaaacgcaga	ttgggctggc	tctgaagcca	agcctcttct	480
tacttcaccc	ggctgggctc	ctcattttta	cgggtaacag	tgaagcttgg	gaaggggaac	540
acagaccang	aaagctcggg	gagtgatggc	aagaacgatg	cctgcaggca	ttggaacttt	600
ttccgttatc	accaggcct	gattcactgg	cctggccgga	anatcttcta	aggcatggtc	660
gggggaaaag	ggccaacaaa	ctgtccttct	ttgagcacca	anccnnacc	aancaagcag	720
acnttttttt	tt					732

<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4308

gnccagctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tgtattcaaa	cttatgagag	60
tataaaggat	ctggagggtg	gggatatgac	tgacaaggaa	aggctgtggc	cacctgatga	120
ccctttccct	ttttattaaa	cggacacac	ctgtttccca	tttcgctgta	gttttagtttt	180
tggtttggtg	tggtttgaac	tgctttgaga	atcctgggat	ttgtgctgct	gctgttattc	240
aaagatcaaa	ggagtaaaac	atagttgctc	ctaacttttt	tccagcagca	gcaagtggta	300
ataaacatga	aaactgggtt	gtagcagttt	tgaaagaata	gaatgcattc	aaatgtaagg	360
ctgcttctgg	atcattaaag	ccagtttcat	caaacagttc	aacagagagc	agcacttaat	420
accctttata	cagcccattt	tttcatagtt	tcatttggtc	ttgcccacaa	gcttgaaatc	480
caggtttaagg	tatccagcct	ttatcatata	agcattgaca	ttatccaggc	ctagtcagta	540
gcagtagggg	aacgggattg	aaaaagattt	gatggagagg	aaagtatcta	atattagtca	600
tgggtttgac	ctaaattgct	agacagtcgt	gccattcaca	aagtcagaaa	atncagcagg	660
aagagacgct	tttananggg	cagagaatta	gaggatgggtg	gtagtaatga	aaatgatgc	719

<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4309

gggttnannt	tcnaanngt	gggttangcg	ctttctgcag	gancccatcg	atnoggctcg	60
cacgaggtga	cagagagcag	ttgaaatggg	tttttagttc	ctatggaaaa	gttgaagggt	120
tttggctctaa	ggaccagnca	cagtgggaaga	atgcactctga	gaatgatgag	cgcttatcta	180
acccccagat	tgagtggcag	aatagcacaa	ttgacagtga	ggatggggaa	cagtttgaca	240
acatgactga	tggagtagct	gagcccatgc	atggcagctt	agccggagtt	aaactgagca	300
gccaacaggc	ctaagtgcc	ggtnccttgg	cgttggtgac	atgctgcagc	ctggaactct	360

gatatccagt	gtgactgcaa	agctgtcttc	tcactggtag	tgcccttgta	gtactgggtg	420
gactgtgggg	catgtggccg	ctgcagatcc	agtgggttatt	nctaagncta	tgacaggaca	480
ggctganctt	gntcanaan	cttctctgac	agacacggga	actaaatgtg	aaaaaccaat	540
aanctggaga	ctcatgaatt	cacacgagga	aaagcagagg	nttattnatc	tgncttttca	600
acatttnttt	cctctgngaa	angaanggtc	anaggctttg	naaaagtggg	aaaactaatc	660
acatgggaag	tgtaagggcc	ancatccaag	ctaccaantc	ctaaangngn	caaancanac	720
ctttinggaa	aaaccnaatt	tttnaagccc	gggntnnnnn			760

<210> 4310

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4310

tttnaatngt	nncttccctt	tcctaatingc	ttggcgtttt	tttccattta	aaagtatttt	60
atttttttcc	agtcaaatga	ctagttaaca	agaaagagta	aacttattta	acatgctcta	120
attataaatc	actgcattaa	ggacaatgaa	aataatcaat	ttcggttata	caatatatac	180
agttgtgctg	caaccaaagt	aatcaggtga	atgaactgaa	tatcatacat	ctcaaaatag	240
catcctaagc	tgcatattat	gttatccacc	ccttaacaga	tcacacagtt	actcttagtc	300
tgtgtacatg	ttctgagcca	tcacccaga	tctgatggag	aatggcatgc	aaaatgccag	360
aatcctgcag	ctgcagttca	tgaaacataa	actttaataa	taaatagata	tctacaatgt	420
ttttctttct	cttagttgct	tttttaattt	gcaaggagca	aataactaag	aaaggatatt	480
agcagggtcg	ttaatatata	tctcctctgg	taagagtact	attagttact	gcacaatagc	540
acccaaattg	gtagactgga	aaaatatctc	tanggtattt	atgtcccagt	ggaacctgac	600
cggattaagt	tttggggact	gggagttcta	aatgggttga	tattgaaatc	aacctttaat	660
tcccttaata	ntaagcctng	gcaacccaag	gtnggggtcca	aaaagggcnt	ggacctatta	720
aaaaattcca	ggattgncca	gggaagggat	ttgggttaaa	aaaattggan	ccnttaaggt	780
ggccaccttg	gtggccaaaa	aattnccat				809

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4311

ggaaannttt	tcctaanacc	tggaacaaga	ncagnaaaaa	cgngnctngg	aaacttcctc	60
ttncncncag	cannncnaca	ttgggnctgg	gcacgagggt	agagtaagta	anagatntng	120
ccnatTTTTg	cacttaaanc	caagaaagag	agtcancaaa	tatttatacc	attctctcat	180
taagtgcac	tggttccata	aatttaaaga	cagcgggtca	cccatatcta	tggnnttgca	240
ttncatgggt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacaat	ggaaaattcc	300
agaaataaac	aattcataag	ntttaagttg	catgccgatc	tgagnagcct	gaatgaaaat	360
cttacancat	ccccctncaa	ncaggctagg	ncatgacatn	ancccttgt	ccagccataa	420
tccaacactg	gttatggcta	cccaccccan	taggnaacat	antagccaaa	cnnggggtatt	480
caganccgan	cnggncntgg	gnaanccata	anatgnctcg	gagnnccaag	ggnacccctn	540
aaannntacc	cttaaaatag	ngganccccc	aaaatggcca	nngaaatggg	ccaaaanngg	600
gaaanaaacc	gggccnaaan	ncnaacaaan	tannngntaaa	cgggnncatn	aaagnccccc	660

tnnaccagng	gccccaaaaan	nactgnaant	aaaaatccca	ntnaaaagggg	cnaataaaat	720
tnnanggnaa	aaaaacnagg	gngggaccnn	agggncaggg	gccccaaaaag	nggggncetna	780
canaaacan	cnggggangcn	ntaaaaanct	atnancccg	gggnaaaagg	ngngaancce	840
cggaannnc	aaaanntncc	cttgg				865

<210> 4312

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (940)

<223> n = A,T,C or G

<400> 4312

ttenctttcc	cncctectng	gaaacccttc	ctttccta	gttcctaatt	cctcnnnnnc	60
tenctctcnc	tctttctctg	ccggtcnggg	nnctngtncn	tnttgctttt	ttctcccgnt	120
tttmcnctn	gcncctacnt	nnccngntga	ggmagncac	ctgcggagac	cgctgntnnc	180
nncannccg	ctngntgntt	cntgnccgnn	tggtcanct	ccancgcctg	ntccccctn	240
nmgtgncgc	nnnggntcng	tngatccnc	gatngccntt	anggcttata	cgaatgmnca	300
tgcttccgc	accennncat	tnannncg	gcctctgctc	cctcctnacc	tnctgengac	360
tgctgcacc	tcctgcctc	tntgcncnc	nnntcgccn	ggctcccacc	ccnmgtgnt	420
tgccgntgct	tnctntgtn	tcnnggaacg	gcnnngnnc	cttnncccc	gnntcncgc	480
tcctgcccnc	ctnnccntt	gnetgnttcn	ccccccctnc	tnnnntngnnn	ctnnccccc	540
tcnnmctcc	nennctcnc	nnntcccc	nnnctctcc	nnnctnnncn	ctcncnnntc	600
cnncccccc	cncnccnncn	nncccttnc	tcnctnctc	tcnncncccc	tcnncnctnc	660
ccntnccctc	cncctcncnc	nnnncnncnc	nnnnnnncnc	ccccnncnc	tcnncnncnc	720
ctcnnncnnc	nnccntnct	nnnnncnnt	ncttncnncn	ntnnntccnn	ccnccccnnc	780
nnntcnnncn	ncntnnncnc	ctcncnctc	tnntccnncn	nnctctctnc	cnnnnnnnct	840
cnnccctct	nnntcncnc	ctcncnncn	nncccccctn	nnnnnnnnnt	cnnnnncncc	900
cnnccnncnc	nnntcncncc	tcnncnncn	nnntnnntnc			940

<210> 4313

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1051)

<223> n = A,T,C or G

<400> 4313

cannncncc	nnaacnnnna	tntcatcnan	ncacnannna	ancnncnta	cnaanatnct	60
ncgnacaacn	agngannnct	ccccccctt	nnaacccgcc	cttatgcnga	acccacgatt	120
cgaattcggc	acgagcccat	cgtgcgctgc	cccacgggtc	ggtaccacac	gaaggtgcgc	180
gccggccgcg	gcttcagcct	ggaggagctc	aggggtggccg	gcattcacia	gaaggtggcc	240
cggaccatcg	gcatttctgc	ggatcccnag	gaggcggaac	aagtccacgg	agtccctgca	300
ngccaacgtg	cancggctga	aggagtaccg	ctccaaaact	cannctnatc	cccnaggaaa	360
gccatcggac	cccaagaagg	ggagacagtt	ctcgctgnan	aacnggaaac	ttggacacca	420
anctnaccn	naccggcaat	nccnccnccg	gaaantctna	aancgaaann	ancaacgnnc	480
atacaciaac	acnnannnnan	cnngnncana	ncnccnncn	cnnatnnttn	naacntcnc	540
antctnncn	nnntcncctc	naccnancac	tanntnnnna	ntnctatcac	anannnagnc	600
cnnnnntcaa	caannaccn	nancannnna	annncnanc	cnnnnntanc	atncannntn	660
cntcaacat	nacatannan	tanntccnaa	nnnctaant	anngcncnac	nnccatctac	720

ncntntntn	aantgcctan	aaancacnnc	cncncaacta	anntcnacat	anacgcanna	780
natatatcga	acaaancata	acgncacnna	naananattn	cnngngnaac	tacctannat	840
antanaaaaca	ccnannacca	accanactcg	nccacnngcn	ctcncnncnn	nnngcgntcn	900
cncacacgtc	ngcnanccac	tntcttnccn	nncnncgct	nacnccccg	tccatnatan	960
naccacaacn	nnntcataac	annntcgccn	anancgacac	ctnatctcgn	cncgnganag	1020
annactctaa	gncacanata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	gnngatccct	cgattcgaat	tcggcacgag	gaaatgtgta	60
tttcagtgc	aatttcgtgg	tctttttaga	ggtatatcc	aaaatttcct	tgtattttta	120
ggttatgcaa	ctaataaaaa	ctaccttaca	ttaattaatt	acagttttct	acacatggta	180
atacaggata	tgtactgat	ttaggaagtt	tttaagttca	tggtattctc	ttgattccaa	240
caaagtttga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataatttctt	300
ggaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctgtt	gtaatttaaa	attttggcca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtn	ttttnttttc	tttttggtatg	480
tgaagggtgaa	cattcctgat	ttttgctgat	gtgaaaaagc	cttggtattt	tacattttga	540
aaattcaaag	aagcttaata	taaaagggtg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtcnta	aatgtatttt	tgncctcata	taccggaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaataa	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccg	ngntcctttt	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgtnnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcggtggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgtg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagtttct	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	ccccgcgtgt	360
cactgggatac	accttctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcncatga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccgggtta	ggctagggtc	tgctgcaacc	gaagtccect	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nnccgaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagncc	720
ttggccccaa	tttccnantt	tttgaaanaa	ggnaaggncg	ccntncttta	nngggcttcc	780

aaaccttggg cttaganccc nggctttttt t

811

<210> 4316
 <211> 942
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(942)
 <223> n = A,T,C or G

<400> 4316
 gnagegtnnn cctttggaac ccnttgctac ttgctctttt tgcagggatc ccacgatctc 60
 gaatnecggcg cgnngctggn cntaggcgtn gnnnatncca aggccatatn acatnngatn 120
 ntncanaaga gncatataat cnagnnngta aattcacatt gtgctgtctca catggatnga 180
 acatacaaat tgatgggttat aaacctggat gctcaccatg actccaaagn nctnggtgnt 240
 aaccatggnt atagnngnag ntcnnanngg actnnatatg gataccgagg ctctccagaa 300
 caagctccan gaantgatca ctgngetanc ngnggctatg acagctgtaa ngcncgaaca 360
 ggaatacntg gaagtccggg tnanaatata ctntagccatc ancgactgca catacagcat 420
 agtggtnctt gtgggtccttc ttngaattctc tngttctagn caccatgaca ttgngacaga 480
 tntactactt gaagagattt tttnaagtcc ccagagntgc ttaganaaaag tcnactnctg 540
 angatecnac ctnaagaatt naatgntnac caaacacnt gntcntaata atggnccata 600
 gttttctcgc atgntttatg gttctnngac ttgtaccatt tcacatcgta atggtgnnca 660
 nttngagaat taatncatt aattgggggn gggaaanaac ggcctttttt anggcnaaat 720
 tnaattagge cnaaaaattt ttcccagttt aatttgggnc nttaaaccct tngtntttna 780
 aancttgnc tncattntt gttanagttc cntntcaaaa tactttanac cctctttntt 840
 caanttnnan natttttngn anttancnc atnccaanca attntttnc nttncnmtt 900
 nacnnttttc cntggantt ntctgcacn tcancntncn ct 942

<210> 4317
 <211> 891
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4317
 annatccttc tgangttngt ctngctcttt ctgcaggatc cctcgattcg tnagtgtctg 60
 nntgncaggc cectcaaaga ttctnngnc ttttcccatg tgnttgaaga agaantcnat 120
 ngncnntcat tgaatcaaac tggaaaacct gctggcntgc tgctgacgac tctgnggcta 180
 ncaaggtnt anactcnnaa aacatgangg tngtnaganc ctcnncgaga catnccaata 240
 tetgctcttc agtggctttg cngnctcaga ggctcanag cctgctgtca tgtggacctg 300
 gatatgcagg tgatgctgng gactcttcaa aaagcccnac cactctgnga ttacgaatnt 360
 acangacaga tganacacga acatgatgna aagcccacca tnaccnntan agcncttaaa 420
 cctgnccta gnncattcna tcnanggggn ttctntnngc tatattggtg gttgcnngc 480
 ngacnatggt aaanggaena atnattcggg tgatgggact gnantgtgan cnggnnctng 540
 naattanggg gccanncttc tagggngtgc ccnnncntg cctntcnntc canaaatgcn 600
 tanacgtgc ttntacctg gaagnnatg gatgngnaaa gaaacncnt nnttgngn 660
 ctttgccaca cnnnngggg aaacttttga gncannaaaa naccncnta taaccanmtt 720
 tncntcnc taaaaacttg ttacnncaa cntatnggca ataggnaaaa acccctttac 780
 agggnaaccg aaaaccttg gcaacncan aanntntgnc gttnggggaa aaaantacct 840
 ttggcccgnt ttttttacag nttngacna aaaantttaa agggaaancc c 891

<210> 4318
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 4318
 ntcnnncttt aanccttat ccttctcnaa acctttggaa cgcncnctnt ctncaggaan 60
 cctcgctnna gatnctcacc tcttnnnggt ctngnntngt ctgcctacat tcccacagca 120
 gacaagggtg anaatccatn gctgnaatct tggatttgat gagttncagt gatggaacat 180
 gtgcttggcc acaggcaggt ccagtcactg caaaagtgc caanccanca ggtcaccctt 240
 aacttcagaa acaattattg gtggtgaact gtacttaaata tgcagagaaa cctgtaagta 300
 atggaaggtn aanaaaaaatt acanaatgga aaatnatatt ttgggcaagc aaacanattc 360
 actgagaatt ccaaaaagtat attaaaaaag aagatagcta tgagttcaga tctatcttat 420
 tgggtctttaa tattacaacc aatccttaac tttccactat aaangaagga ttactanatt 480
 gattactttc tgggtagata atctggtaat aaatgatagg gaaatcaaaa attactttta 540
 tttaggagtt ngaattctta ctctcatcag acatTTTTTT tctangggac ncttactaat 600
 taaatgaatt taaagttggt ccttangng tcntngccc ntantatat tatnactgng 660
 ttaatganta ntgggaattnt gccggaanga cagnttcang aagaggaant cncgaancct 720
 gataatctat ggggttagaaa gcntccctgn atatcnaaaa ttgccanttt 770

<210> 4319
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4319
 tgttttaatn ctngtcaaat ccttggtctac tcgntctttt ngnanncgna ttcnngnncgg 60
 ntcccatcnn ttcgctgggg tgggcagttt tttgaaaatg ggctcaacca gaaaagccca 120
 agttcatgca gctgtggcag agttacagtt ctgtggtttc atgttagtta ccttatagtt 180
 actgtgtaat tagtgccact taatgtatgt taccaaaaat aaatatatct accccagact 240
 agatgtagta ttttttgat aattggattt cctaatactg tcatcctcaa agaaagtgta 300
 ttggtttttt aaaaaagaaa gtgtatttgg aaataaagtc agatggaaaa ttcatTTTTT 360
 aaattcccggt tttgtcactt tttctgataa aagatggcca tattaccctt tttgggcccc 420
 atgtatctca gtaccccatg gagctgggct aagtaaatag gaattggttt cagcctgag 480
 gcaattagac actttggaag atggcataac ctgtctcacc tggacttaag cgtctggctc 540
 taattcacag tgctcttttc tntcactgt atccaggttc ccttccagag gagccaccag 600
 ttctcatggg tggcactcag tctctttctc tncagctgga cttaaacttt tttctgggac 660
 cagttaattt ttncaaactac taatngaata aaggcagttt ctaaaaaaa aaaaaaaaaa 720
 ctcgaacctt tanactatat gagtcgttta cgtagatcng actga 765

<210> 4320
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (744)
 <223> n = A,T,C or G

<400> 4320
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 attcggcacg agcttatctg tacgagatnc attccnagac ccctagtggg tgccgtgaaac 120
 ctcagatngn actgaaccct ttatgaacta tgttttttca gtctgacaac caaggcggct 180
 actaagtgac taaggggcag gtagtatata gtgtggataa gcaggacaaa ggggtgattc 240
 acatcccagc ctgngcaaca gagcaagact ctgtctcaaa aaaaaaaaaa aaagtctcan 300
 taacctatgg gataatatac taacaaacag ctgtgtaact ggaatnccat aaagcantgg 360
 tggacanagc agaaaaatat ttgaagaaat aaagactaaa attatgtcca ntttgatgaa 420
 aattatnctc tgacagatct aagantttta gcaaacccta atcaagatag tctctctctc 480
 cctctcacat gcacgcacac gcaccgaagt tnagccataa tcaaactact aaaaaccant 540
 aataaaanga ataattctta aatgtngcca gagaaaaaan gacacgttac aaacagaaga 600
 acanggggta gaaaactgaa actttcctta naaactacat acgcagaaga caacaaattt 660
 gcttaaattg tgaaaaatcc cctcacacta gagagaggct ttgggtggtag catggctnag 720
 taggtgcaca agacgtgccc tcct 744

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (772)
 <223> n = A,T,C or G

<400> 4321
 gnttgngn gntn taantttnta aggatccctt tntntgaanc cctttctgca ggatcccatc 60
 gattcgaatt cggcacgagg caggagnaat cacttgaacc ctggagggttn cgggtgcagt 120
 gagcacagat catgccactg cactccagcc tgggcaacaa aacgagactt cgtctcaaaa 180
 aaaaaaaaca tagaatttgg atccttttgg cgggttctcc caaattcttt tgagggtgtcc 240
 atgggtcaact gcttcagctt tgttttggca accccctgcc cgaagtgcga tataggctgt 300
 tcttcacctt gtttccaagg ctgaggaaca gaaagtagcc tctgttttga ggagggtggaa 360
 gttaagtata catttatttt ttactgtgac ttgttcagga ccacatttta caaatgcct 420
 tgtttccttc attgtttctg gaaaggaaag ttctattaat attgntttac tttgaatata 480
 gaatagtttt ttttaattag gcttattttg aaaaattctg agtttaattc aaatgtatgc 540
 caataccttc caaagtaagg taatattcag agacagttgt tgggtgatcag atggcttaga 600
 gaaaatttct ggaatattca cattogaaga tcttatttat gaatgtcttt gacttaaatc 660
 taacacaaaa ctgcacatta ttctttgnac attttcatta tatagngtta acaagcttan 720
 ttgcaaacca ataaatactt aagctattta aaaaaaaaaa aaaaaaactc nc 772

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (749)
 <223> n = A,T,C or G

<400> 4322
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tgtaatccca	gctgcttggg	aggctgaggc	angagaatca	cttgaaccct	ggaggtggcg	120
gttgacgtga	gcacagatca	tgccactgca	ctccagcctg	ggcaacaaaa	cgagacttcg	180
tctcaaaaaa	aaaaaacata	naatttggat	ccttttggcn	ggttctccca	aattcttttg	240
aggtgtccat	ggtcaactgc	ttcagctttg	ntttggcaac	ccnctgcccc	aantcccata	300
taggctgunc	ttcaccttgt	ttccaangct	gaggaacaga	aagtancctc	tgtttngagg	360
aggtggaant	taagtataca	tttatcctnt	actgcgactt	gntcangacc	acattttaca	420
aaatgcctng	tttccttcat	ngcttctgna	aaggaaagtn	ctattantat	ngtggtactn	480
agaatataga	ntactttttt	tnattntggc	ttattttnaa	aaattctgag	tttaattcaa	540
atgtntgcc	ataccttnca	aagtaaggta	atntcataga	cantngttgt	natcacatgg	600
cnttacanaa	antnctggat	attcacnttc	taaanattcc	ctattaaatg	aatgtctttg	660
acttaaatnt	accaaaactg	cncatattct	cgtacatttc	gtaaatngtg	nacaagctan	720
ttgcaaacaa	taaatacnta	actaaaana				749

<210> 4323

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4323

nttnngtttt	tantttntnn	aancctttgt	tacntgcnc	ttctgcagga	tcccatcgat	60
tcgccagccc	ctcctctccc	cgcttcttgg	gaggaggagg	tcacncgctg	atgggcactg	120
gagaggccag	aagagactca	naggagcggg	ctgccttccg	cctggggctc	cctgtgacct	180
ctcagtcccc	tggcccggcc	agccaccgtc	cccagcacc	aagcatgcaa	ttgcctgtcc	240
ccccgggcca	gctcccccca	cttgatgttt	gtgttttgtt	tggggggata	tttttcataa	300
ttatttataa	gacaggccgg	gcgcggtggc	tcacgtctgt	aatcccagca	ctttggggagg	360
ctgaggcggg	cggatcacct	gangttggga	gttcaagacc	agcctggcca	acatggggaa	420
accccgctct	tactaaaaat	acaaaaaatt	agcccggtg	tggtggcgcg	tgctataaat	480
cccagctact	cgggaggctg	aggcaggaga	atcgcttgaa	cccgggaggt	gggggttgcg	540
gtgagccaag	atcgaccat	tgcacttcag	cctgggcaac	aagagcgaaa	ctctgtctca	600
aaataaatta	aaaaataaaa	gacagaagca	aggggtgcct	aaaatctaga	cttgggggtcc	660
acaccgggca	ncggggttgc	aacccaacaa	cctggtaggc	tncatttctt	tccaagcccc	720
aacagaaggt	catgccggcc	ccacangaaa	ancnngcagg	gccncggggg	gct	773

<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(916)

<223> n = A,T,C or G

<400> 4324

nttccnnngn	aanttnccng	natnntgncn	gaaccctttt	cgatnnnnnn	gattcgnagt	60
acngacnagg	agannctgnc	ggncntgtgn	tggaanctnn	ntttggaccn	cnctttnncc	120
ngtgccntgt	gaactcagag	cacgggcnnt	ttggaccnac	tcaaggccan	tcatggcatg	180
gctcatncct	gaggcacgna	nnganactac	attcncagg	gcccttcnaa	acaatggacc	240
ncnatgcngg	catactgngc	ctgcgaccn	aaanacnnna	ngnntgtact	gaatatcaag	300
atcnacttag	antctaagag	agnntggnc	nnnaactgat	cancangggc	ttccangggg	360
cancanngag	acactgcgag	tnacagagac	ngccatgggc	gntgctncct	tacnnagnn	420

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cacaggccnn accntcatgn aaccctaang ctgtncnnat gtactccgaa tggcctttna      480
nncgnacngg cctctaagt atgcnnccc gtntcanatg nnnccgtaca atatctcang      540
ggacatgggg antnatnnnc anccnaaacc tttnanaaaa ggcggcntta ccnttacnnn      600
aaaaggatgg cttnnngcta atcaaaaanc ntgtaaaccc tnggcnatta taaaccaag      660
acccgggaca aanctngggg taccnngtcc aattnaaact ggctnccnn tcntggtcnc      720
ccaaccaaag tnaaacctan ttngcagngg gttataccgg nanncnaatt ggntncaacc      780
ccaacttngg gaaaataatt tttncnaaat gcntcnatcn aaccctgnct tttnnanaaa      840
aaccaggct ttttnctng gggaaccttn aancggggan ttggccttnn caaaaccacn      900
tnccncttta ggtnnn

```

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4325

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cnttnnttna tgacccttgt tacttgctct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagggaa ccatgagaac cgaagctaga attgntattg aattacttta ttttctcttc      120
ccttattggg tagagataca tcattactgg cctcaggggt ttacccaaag aaagggtatt      180
tttgagcaaa taatgtgatt tcttggtat tttgttgggg gcttaagatt ttttttttcc      240
aaatgcattt ttagtcacta aaaattaact gtcgtacat ctagaactat actgtccagt      300
accatagcct ctagccgtat gtagctat tttgtattaagat taattgaaat tttaaatcca      360
gttcctcagt cacactagcc acttttctaag tgctcagtag ctctgtgtga ccagcggcta      420
ctgtattgga tattatagaa ggttctttca ttcaagatca tcattcttga cagaccata      480
aatatttctc ataaagactg tagaagtgtg ttctggaggg tttgctctcc aaaaagaatt      540
gtaatataga gtagaattgg gatagagtat tgaagacact ggggttagac attggatatt      600
ttaatgattg tgtgtcta tcatgggtct gncaactgag ttatctagt atagacctc      660
actgtcttga ccaaagccag aatngaaggc aggattcctg aatctatctt aaaattgcaa      720
tggaanagcc ttttcctaa attatccatt tgtaatt

```

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4326

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ntnnmttctn aatccttgtt cncgcctttc tgcaggatcc catcgattcg gagaggagca      60
ggtgcagtga ttcataccca ctctaaagct gctgtgatgg ccacccttct ctttccagga      120
cgggagttta aaattacaca tcaagagatg ataaaaggaa taaagaaatg tacttccgga      180
gggtattata gatatgatga tatgttagtg gtaccatta ttgagaatac acctgaggag      240
aaagacctca aagatagaat ggctcatgca atgaatgaat acccagactc ctgtgcagta      300
ctggtcagac gtcattggagt atatgtgtgg ggggaaacat gggagaaggc caaaaccatg      360
tgtgagtgtt atgactat ttttgatatt gccgtatcaa tgaagaaagt aggacttgat      420
ccttcacagc ttccagttgg agaaaatgga attgnctaag ccaaaagaaa gtctaattat      480
atacagagat aaagctaaac gtaattatta tttaaatgaa agctattttt ttaaataaat      540
ngaaattttt catgatgcta ctaatttgnc actaaatctg caaatggtca ccctgaattt      600

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cttctgacat	tggtgntatt	tgcttatatt	ccttataatt	ttaaataag	gcacagtga	660
atgaaaattt	tatactctat	gnntctggna	atttntaaat	ccttaacagc	caaatttttt	720
gcctttaatt	cttttanata	tatactctcg	agaaatcn			758

<210> 4327

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4327

ngtanantan	naacntgggt	ntcgtctctt	ctgcaggatc	cctcgattcg	aattcggcac	60
gagccaagga	gttttccacc	cgtctctcat	ggtcacagcg	ctagtcattc	atttttgaga	120
agttgcttct	tttaccatcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggcttta	gaagttaa	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgatatt	agtttgggga	aagagaagag	aatttctctg	ggattatttt	ttcctcaagt	300
gcacctctct	ggttaaccca	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	atttcagttt	ttagccttta	cacatgaggt	420
caaaggagtg	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480
cttaattttat	tttttactgt	gccactccaa	tatttatcaa	atccaaatag	catgaatgct	540
tctctgtagt	aatactaatt	ttgtgccttt	tgtctgcttt	cttaagacca	gttggttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaaa	aaaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	ccgtgatccn	gaccatgata	agatccattg	720
atgagtttgg	acaaccacac	tngatgcagg	aaaaaat			757

<210> 4328

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4328

ngtanantan	naacntgggt	ntcgtctctt	ctgcaggatc	cctcgattcg	aattcggcac	60
gagccaagga	gttttccacc	cgtctctcat	ggtcacagcg	ctagtcattc	atttttgaga	120
agttgcttct	tttaccatcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggcttta	gaagttaa	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgatatt	agtttgggga	aagagaagag	aatttctctg	ggattatttt	ttcctcaagt	300
gcacctctct	ggttaaccca	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	atttcagttt	ttagccttta	cacatgaggt	420
caaaggagtg	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480
cttaattttat	tttttactgt	gccactccaa	tatttatcaa	atccaaatag	catgaatgct	540
tctctgtagt	aatactaatt	ttgtgccttt	tgtctgcttt	cttaagacca	gttggttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaaa	aaaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	ccgtgatccn	gaccatgata	agatccattg	720
atgagtttgg	acaaccacac	tngatgcagg	aaaaaat			757

<210> 4329

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4329

ttntttacct	ttgctcttgn	tcttttgcag	gatccctcga	ttcgaattcg	gcacgagaga	60
agctcagctc	ttcttgggtc	tggctagact	gcctagattc	ccacagcaga	caagggttgag	120
aatccattgc	tggaatcttg	gtattgatga	gttacagtga	tggaacatgt	gcttggccac	180
aggcagggtc	agtcactgca	aaagtgacca	agccagcagg	tcacccttaa	cttcagaaac	240
aattattggt	ggtgaactgt	acttaaattg	cagagaaacc	tgtaagtaat	ggaaggtaaa	300
gaaaaattac	agaatggaaa	ataatatatt	gggcaagcaa	acaaattcac	tgagaattcc	360
aaaagtatat	taaaaaagaa	gatagctatg	agttcagatc	tatcttattg	gtctttaata	420
ttacaaccaa	tccttaactt	tccactataa	aggaaggatt	actagattga	ttactttctg	480
ggtagataat	ctggtataaa	atgataggta	aatcaaaaat	tactttttatt	taggagtttg	540
aattcttact	ctcatcagac	atcttttttc	tagggacgct	tactaattaa	atgnatttaa	600
gttgnttcta	agggtttttt	gcctatatat	ttatgactgn	gttaatgagt	antgaaatga	660
tgcggaaggc	agcttcagga	agaggaatnc	agaacctgaa	taatctatgg	gttagaaaag	720
cttctctgaat	atcaaaattg	gcngtt				746

<210> 4330

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4330

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aaagccggca	anncgccgcn	cngcnnnntc	aaacntgca	ngcggcacnn	gnngnncccn	120
acgangcgcc	agcgcgcgng	anacngngct	gccaagaaan	gnngncncan	agnccggcct	180
ngagaacagn	acagngganc	gtcanaagca	nggggangac	agacgacnga	ngaaacntag	240
agcccagggg	nagcnggacg	acggaccagn	tcccaaaggc	nggngcccaa	agcngacnag	300
ntnnaggaag	aaanacnggg	gacacaaccg	gagacanccg	annaggagcn	gacnganmtg	360
gacccanang	gcaagaagca	ccnaaacang	ncaccaccca	nacgaccggg	gaaggcacga	420
acggtcngag	cacgagnaana	acngaaacna	ancaacgcgc	acacannngg	aganagaaac	480
accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncaaagann	540
cggcanngaa	cccnnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaanmna	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacanggcaa	660
aagnaacggg	gcaaagggca	ancncnaagg	nnaagcccna	naacgcgcgn	nnggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aaggggccca	cnaagngggc	ggnaaanngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	ccnggcncna	840
agggccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnmanggg	ngggncccat	900
cgngannaca	naaggngaac	cgnccaaggg	ggcnaaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4331

<211> 824

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (824)
 <223> n = A,T,C or G

<400> 4331
 gttagngtgn ggtatnaaca gctcttgtn tttttgcgga tccctcgatt cgaattcggc 60
 acgaggcnac nggtgaagcn nntggtgngt gngctnctca tgaagaanct gtggcnggta 120
 tgttcaaaga canggnat atgcantaca gatatataga actcttcttg aattnaccaa 180
 cangggccgg ntaatggggc gnatgtcagn caantgatnc aactgcatgn ggggtgtctnn 240
 tgcccaggnc acttacagng gnetggaaag ccagtcannng caangngtgg ncnccagcgc 300
 ggnttcngtg ggtnaaccag gcatggngctg gntatnacgt aatcttagnn aggaacaatt 360
 tnagtnactn tntctnntat tcnncngnga gncctcttnc angttngtga gcatttntca 420
 ataagaaaga agnctggggg acccatttng cancattnan ttcanggaaa aatctngatt 480
 taaaaaagtt acctntgaac tgtnnnntaa ngcncnnttt nnttgtagcn tgtgataatn 540
 gatgcgaact tntactatnt atcagcatgt tctnannata acnttttggg tannatcngt 600
 ttagnantga ttcnttcacn agcctaagaa aacttaagnn nnggcaaaaat gccggatcat 660
 tgtcacaggc acgttcacna attnancnc nctcggtgac aacntttctt gntttttngg 720
 aaanaaattc cacagggngt agnctannca tngntctn ggaaatttan ctntaatggt 780
 ttcggtanaa ntcccgtttg ngnggtttta attaaaaaaa nccg 824

<210> 4332
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (830)
 <223> n = A,T,C or G

<400> 4332
 gcttnanccc ttccatttc caatnntttg gctctcnctn aaaccctttg gancctntcg 60
 attcgaatnc ggcacgagg ctaacttgcc ttgttnnact atngatgttn gngtcctggn 120
 ttcttaacac ttaagcagc tgntctcacc taaaggctaa tagttntaag taagtatctn 180
 tttcttttta taatttaaaa attaaaaaat ttttaattaa ctgtttttaa attaaaaaaa 240
 attattaatn atttntaata gacaggatct ngctatgctg nccaggctgg tcttgaaactc 300
 ctggtctcaa gtgatectcc tgccttgccc tcccaaagtg ctggtattac aggtgtgagt 360
 cactgcacct ggccaagttt natncttcag gntacattnc ttcagccact tcaatcaaac 420
 atnnaattaa catgctataa tgaatgacta tnccttaacta ggctaaccac atgaaggcct 480
 ttggnaactt acctntagtt acanccttca cttctttttt tttgngaagg gaaantnnng 540
 ggnnccggaca atactcctng nantnaacta tngtaaccct ttncntngac tngaattaac 600
 nngggaaatt nggggaaant aattgnagaa ntgaacngc ttgaatcnaa nannantcaa 660
 tanacntaa tagncaatc ntnttaannc cccnaatcnn ttagncctnt ccaatttggc 720
 cnanaagnta anancnccc cnggcctttt ngccccaatc nnnaaattcg nnatnaaaaa 780
 tnaaaccctt ngcctttaaa ngggnacctt tnacacgaan gggggaaann 830

<210> 4333
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4333

gnnnnnnnttt	nnnnnnnttt	ccnannngnn	nnnttcaa	at	ttccna	atc	gctngncttt	60
ttgcaggatc	ccatcgattc	gcaccgctat	cagaaaaa	ta	tcctgttc	cat	ggttttata	120
gaatttgcaa	actactgata	tgattttttca	ataaccactt	gtatcttcca	tc	atccatga	180	
gaggtgggaa	gaggtacact	gtatctctgc	aataaaactt	tggccagggt	ct	acctcctc	240	
tgagcaaagg	atacttttct	atgtagggtgt	agatgggttct	cctttactaa	tctg	acatgg	300	
tgcatctgga	gacaacatct	gatgggatcc	aaagacaact	tgaacaaa	ag	gtggatgtca	360	
gctcttggtg	tgttttcatt	tggttctctt	ttttaaatct	cccttttggt	at	cgtcctcg	420	
ttgtagcgtg	tccatcagtg	tgtgaagggt	gcgcctgtt	ccaatgatac	tg	cattgctg	480	
catccagcct	ttcgtgggag	cacggtacca	agcgtccgga	attgattatc	cca	atcattt	540	
ttgatatgta	actgaaaaat	ttggtctcat	gcaataaaaa	tgtactggct	gc	atttttagc	600	
aaggtttatt	tactcttgca	agtaaaaacg	atcaaccgtg	aagcgtaaca	aatt	ctgtat	660	
ttagtttttt	ttctgttggtg	gtggtttttg	ttttggtttt	tggtttgtaa	gatt	ctaaat	720	
aaattaaatc	gantnaaaaa	aaaaaaaaa	aactcgagcc	tttanaacta	tn		772	

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 4334

gngnnnttga	aanccntggc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagactt	aaacatgtca	cctaaatgca	cttgatgggtg	ttgaaatgtc	caccttctta	120
aattttttaag	atgaacttag	ttctaaagaa	gataacaggc	caatcctgaa	ggtaactcct	180
gtttgctgca	gaatgtcaga	tattttggat	gttgcataag	agtcctat	gtt	240
attcaacttt	tgtctgctg	ttttgtggac	tggctggctc	tgtagaact	ctgtccaaaa	300
agtgcattga	atataacttg	taaagcttcc	cacaattgac	aatatatatg	catgtgttta	360
aaccaaattc	agaaagctta	aacaatagag	ctgcataata	gtatttatta	aagaatcaca	420
actgtaaaca	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	gcaaattata	480
ttntgctgc	tgatatatta	gaataatttt	taaatgtcat	cttgaaatan	aaatatgtat	540
tttaagcact	cacgcaaagg	taaatgcaca	cgttttaaat	gtgtgtgttg	ctaacttttc	600
catangaatt	gtnaacattg	actgacaaat	tacctataat	ggatntgggt	aatgacttat	660
gagcaactgg	nttggccaga	cagtataccc	aaacttttat	ataatatcag	aagntatcac	720
cttgtgaaa						729

<210> 4335

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4335

tcggcctttc	aaatnccttt	tctattttcna	atncttggct	actttcactt	tccgcannga	60
tccntcgn	aaaggcagcc	cccaagtc	agaaagctga	ctccccctagc	atcgactacg	120
cagagctgct	gcngcacttt	gagaagggtcc	agacaagcac	ctggaagtgc	ggcaccagcg	180
gagcgggcgt	ggggaccacc	tggaccggag	ggttgtcctn	tgacangcct	ggcacggang	240
agggccacc	gagtggaccn	tnaancacta	cnggtcntna	aacacntncg	atgaggccat	300

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atctactaac ttaggcccat ggtcagatat gatnatctgc aaacccatct tgaccttgag      360
tatgtgaagg ggtactgtac tttattcctg atacattttg gtttccatgt aggtgttgag      420
ctcctggttt tctgtgtttg gatgatgaag atttggaccc ttccattcat aatccctttc      480
taagtgaaac ggagaggctg gcttggctgt tccttggttat tccgaaagcc ctgggtttggg      540
gcccattgtc acactggctc tcagtctagt cagggtgcaat gttcttgaan angtggggac      600
ctaattatta ccanagtagc ancaagagag gaaacgttgt gaattaaagt attcaattaa      660
aaaggaaaca tgatttctac ctgaaaaaaa aaatggctgc nancggataa tngtntgncc      720
cntgnttttn anccggagnc cnnnnaccat                                     750

```

<210> 4336

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (991)

<223> n = A,T,C or G

<400> 4336

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ggggncattt tgcnaaantc cccgcngttt ttccccngtn nttgccnaaa aanagncccn      60
tttgggggcn ccccntntt ttgccaaaaa natccnnccc taggggccta acctatgggc      120
tgcnntatan gngggncagg gggagaancc ccgcnaaang cgnaangan ggangnaaan      180
naacgggggc acacacgcnc nagngggcag ngncnnnann ggggnagann ngncaggga      240
ncagnggggn nngnnctnc cgancanana cngggngggg agaannncna gagggnaagn      300
ncaccncncg anaagnnga nagggnggna ncntgnanna cgacnact ngngngngca      360
anccgnaann gagacganga nanaggngtn cnanggcgca aagnagnant acncgcncnn      420
nngatacagn aaaaaggann naaannnacn gcnganganag agngananac nacaantnt      480
ggaggaagag acggaanacn gggagaggaa gggntnagna annaaaggca aggattaacc      540
tnacagaaat gaanaanccc nanncacngg ngncntctgc aagngaacca cttnaagcca      600
angtnaagca gntgcagctt gatagcctgc taccactgag agggactcag aagagtgtac      660
tncattgcaa tacttaaaca gcgccatctt gctgtggaag cctacagaaa actgnggatg      720
aacacaagaa aacgatggaa ttactgcaga gtgatatgaa tcagcacttc ntgaaggaga      780
ctcctgggaa gcaaccagan cattccggca ccttcagnca catcagnact tggcaataaa      840
accacagng agaattggaa aacagatggg gnganagaac tggccctctg gaaaagacag      900
cttnggacaa ggtcaccaac ngaccagatc cnggnaaaaa atccaaggca taaaggaaag      960
aagannggtc caaatctcag gggatccaac c                                     991

```

<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1188)

<223> n = A,T,C or G

<400> 4337

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ccttaaaaaa ttggggccct ttggggccct tacttcnggg tagaatnctt tttntttggn      60
ccaggggaaa tcccccant tccgcnaana aancgggaaa atttgtgccg ggggccaaacc      120
ggaagggaaa cnttcttggg ggnccaccca aaggccccc agggnaaggc ttccaaattt      180
ngggtnntcc ctttttttnc naaagggccn aaggtttccn attttttccc aatttaattc      240
ccaaaggccc ngntnnatnn tgnctangtn cgnnnnnnnn atntntnnan ngngggcgnn      300
anattnnntc ntntntntnn tgctnntcnn nntnnnnnnt nntaanncnt tattnatntn      360
ntatncagcc ncnmntanan nnantnctnn naatntntnt tntnttactc nncnnattnn      420

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ntngtngtcn	netncnttta	ntcatcata	cnnatatcat	ntaaanaang	cntnnactnc	480
ntatnatccn	ttngcatctt	cantgttttn	ttctcanct	nettgcentn	mntntacant	540
accantnntt	aagctctttt	tacnatgnaa	tactcannaa	gagntngagg	ttggctgnan	600
tttanctttt	taaantcntt	gtccnttggg	ctcntgaact	ttttnnannt	tgttggccct	660
tttactttta	ctntnnatna	natgggantn	cgntnnaatc	tntnttcata	naatttttgt	720
acnnntaanc	gttgatntta	gnanaaacta	cnaggnacct	nnntttcant	aggnttttat	780
tcctnttttn	aacctttntt	ttgatatntt	cttaactatn	ngcanancnt	tacntnancn	840
tntcnntttg	ntaaaaatgn	gnatngggnn	acnncnatan	gacctnnag	ctccnncatt	900
ttccttnaan	anagencant	tcnantattc	tattnnaatc	aatnntatca	ntcngccttg	960
ctcttttnan	cnnancatan	gatntncang	gtatntntan	gecnanntnc	naactantnt	1020
gcactcnact	atcncancgn	taataagacn	tatanaangn	tentnnnatn	naaccttttg	1080
netnacantn	atnttgta	tannttcctc	ncnnanannn	nagnttnann	ttatnatntt	1140
ncatatcann	cnatanactn	taataagtac	tntataaant	tncgnnccg		1188

<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (941)

<223> n = A,T,C or G

<400> 4338

ggggtttttna	ataccttgct	netntntntt	tatgcangat	ncnntcgatt	cgnatnncnc	60
gcgaagtgg	cnnatgcnga	canggccngt	tctgnatgan	naatgnncat	ctatntccct	120
cccaaanggg	cgccccangg	atatgtcttg	ggatccnatt	ncacccatga	cgcctactnc	180
ntgetncttc	ctctnntgct	cnggtnttgt	ncacaaatnn	nnnggnanca	tecnngncng	240
tccattggag	atgtcgngna	taaactgcnn	tagatgtntn	ctaacactgn	tgnaaatgac	300
gagcatnctt	atgagacgaa	ggentccnaa	gngtagntg	cccangatnc	gaggtangct	360
atgtggtctc	ttatctaate	tagaaatgaa	aacgccctgt	ntnncagoga	aanntanggn	420
acgnntgnac	actngcttna	acnnaancct	anatacaaca	ggggaaggga	aattgggggg	480
gaaaccattg	acaggncctta	tcanaatagg	nttaaatanag	aggacccacc	gnttgtaatn	540
aacatgnnga	ttnatattggg	ggaatacggg	tncaanaggt	nccaggttnc	acttggtttt	600
tttttaacct	tatggccnan	tanncggttc	aatttggatt	ttggggganc	cctttttnc	660
ttttgggaan	attnggagcc	cnctaattggn	cgnggaaanca	ntttgtnggn	tncccccaat	720
cnaatgggg	acccctntna	naaaacctcn	ggggggtgga	ccccctcct	taaacccean	780
nacgttttnn	ttgggtttnc	caanaaangc	nnaccccccg	gaaaacttnc	ccttttnngng	840
nnaatttctn	caaccccccg	ggngggaatt	ttccctngng	aaattggcaa	ttcccnngttt	900
naagggtgcc	caaaaattcc	ngnttttttg	ccncaatac	c		941

<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 4339

gngnggggnnn	nnnncnatnt	atacatagag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaaattc	ggcacgaggc	tctggcatg	aagaagatca	agttagacac	tcagaggaa	120
attgcacggt	ggagggaaga	aagaaggaaa	aactatccaa	ctctggccaa	tattgaaagg	180

aagaagaagt	taaaacttga	aaaggagaag	agaggagcag	tattgacaac	aacacaatat	240
ggcaagatga	aggggatgtc	cagacattca	caaattggca	agatcagaag	tcctggcaag	300
aatcacaaat	ggaaaaacga	caattctaga	cagagagcag	tcactggatc	aggcagtcac	360
ttgtgtgatt	tgaagctaga	aggtccaccg	gaggcaaatg	cagatcctct	tgggtgtttg	420
ataaacagtg	attctgagtc	tgataaggag	gagaaaccac	acattctgtg	ataccaaggg	480
aagtgcaccc	agccctatgc	tcactaatga	gtagctatgg	cagtctttca	gggtcagaga	540
gtgagcccg	aagaaacttc	catcaagact	tgaacagacg	ttttggcaga	aaaccagggtt	600
cttgatagca	gtgctcctaa	gagtcgaagt	caagatgtta	aagccaactg	ttagaaatatt	660
ttcagaacca	agagtgcaga	ccgaaagaaa	agcttttgaa	aaaccaaccc	ttaagaggaa	720
aaaaagattt	tcccactntc					740

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4340

angttggaaa	ncengncntt	tcaaatanct	aggctaactg	ttctttttgc	aggatatcca	60
tcgattcgaa	tnccggcacga	ggncctttgg	ngtnggnnat	tnnncannaa	tnntnnacgg	120
acannncttc	gcnnattatg	tgntcttggg	tgntngggnt	tgttgggtta	ccctacatca	180
taangcattn	aatgnattan	atnttgtnat	tgntgncaaa	anggaatagg	gtcnacaant	240
nctgtgngna	tnnaacctgn	ntcanatngc	ntttggnaat	nttctntacn	cnnttttnaa	300
ttccactgta	aatnntgacn	gattantncc	nantggnttn	tcnttggaga	aaatnnatatt	360
tncaactcnc	gtctncacnt	tnatnaagc	gtattttatg	ctggcnggnc	cnccatanat	420
ctacnccctt	ttgatgectn	tggnnanaaa	taatgttaan	tagtgcgcaa	antngntatt	480
gtnttgngga	caancntaaa	tgngccatta	nnggcntacn	atgcnnntat	gccacannac	540
cannngcna	nngnttttga	ttanggggan	gcattccnta	aacaacceng	cncnatgaac	600
tngaactngn	ttgggaattn	antnngggaa	tnaanttggc	gntnatgggt	gngggngccg	660
cctttacccc	gnccacanaa	attccttgng	caatttnnnn	ctttaaaagg	nccananggc	720
nttaatgggn	ttnggnaact	tnaanccctt	ttttttggtt	gctntttang	gngtgccna	780
gatggcacia	nnnnnngaa	ntntnggtgc	ntnaacctct	gnttnaannc	taantagggg	840
antgcaaat	ggnttttnnc	tttngcncn	aatantnttt	ttcttgggng		890

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4341

ntgnnnnnnt	tncccccttt	cnaatcnctt	ggctaactngt	tttttttgca	ggatcccatc	60
gattcgggag	aactgctcac	tcctttttccc	tccccataca	aactcaaagt	cccctggggc	120
ccaattcaga	gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	180
tgaatccatg	gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctgggtgct	240
tgaactgaca	gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	300
agcttgctta	gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	360
caatgttaaa	tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	420

ttgtttctata	gcctgtgaaa	tggttagttg	atcattttttc	cacaaagaat	taggtgttaa	480
gagtttttct	tcaggcttta	cttaggagaa	tggaactaac	tgaaagggtg	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttcctttctaa	ttggttttct	aagccatctg	600
tcanggaaat	ggtaactttt	ggnttttaatt	tttnggctta	attcccaagg	ggggtaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattatct	tcctggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattntt	ttaaangggg	gtcttgcttc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccccttc	taatncttgg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tcacagggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtctc	tgagtgttgg	aattgttaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagtccatcc	accataaaaac	acacagggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcctcttc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tggtgggagt	aggttgtngg	cttggacaaa	540
atcaatccgn	gtgggaaaat	tgtaggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatcccntca	aaanaaaann	antctngncc	aaanttaagg	gtntnnnaat	naaaaaaact	660
ttngnncctt	taaaacttnt	cgngngccnt	nttaacgtta	aatcccgnc	tngntacgaa	720
tcctttgggt	gaattttngc	caaacccttc	tt			752

<210> 4343

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1069)

<223> n = A,T,C or G

<400> 4343

gcncaannac	anganannnn	nnnnaaaaa	caaccnnaaa	nnannngnac	cnannannna	60
nnnganngn	gnancagnag	gnnangngtn	anccgcnngg	aaaccctgcg	acccacganc	120
ggnggaaccg	gcnnaggccg	gacacnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnmgaaacc	nncccaccan	canagagaga	nnnggaagtga	240
cagcacant	gganaagncn	aagaccana	ngacgcagaa	aacaangggg	cangaggcga	300
anganangn	ggaaaaanan	agcggaaaga	caganacgga	gacaagnac	caccgnnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncnagag	angcaaaaga	gagaaangaa	gccagggaag	ganacnmgnc	480
atncnnnccn	ncnnacgaan	ggaaacgagn	aanmcagcan	ggcnggacac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnmcca	angngccann	aannngmcna	660
aaaagcgccc	nccaagagg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaga	720
ccaaancagn	nnccaangaa	ngcagaann	gagcnaagcc	cnnngaannng	anaaaaaang	780

ggcncgggnc	ncacnacgaa	gccccanaa	gggggaaana	acgnagaggg	gnaacagagc	840
ccnannnnnn	gcgngngana	ngacacagga	nnacaaangn	gaaaagggan	ccacancann	900
gnaaacccgg	gcaaggggaa	acncccaann	gcaaagaaga	aagaacagag	cacgcaaagc	960
agaaangnaa	caganaacaa	gggaacnaaa	gagcnggaca	cagnancnaa	nggcaacnan	1020
nngnaggcna	cccacgnan	ngnnangccn	nnagnacann	cgcnanncg		1069

<210> 4344

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (459)

<223> n = A,T,C or G

<400> 4344

ttgateccata	tanatacnnc	tanttntgca	ggatccctcg	attcgaattc	ggcacgagnc	60
ncatnccnac	cactactgat	gantatnntn	caaagagnga	tacnctntgn	ctnatggmnt	120
naacnctent	tatccaantg	ggnaaggaac	ttggcncggg	angacgcaga	tgtgtncacc	180
tcattntcaa	ggaaanctgt	gaancccttg	cctccttttn	cttgccctng	antgtntgtg	240
acnacnccg	acnctnnnnn	catncnanc	ntgtagnnga	acggnantgg	aanatcngtg	300
cactegtnta	tnnnacngng	agggaccatn	naccnaagnc	ancttagcaa	antggcttng	360
atgctgtggc	tgannancna	ctgcnggtgc	attcggacac	atttgcccat	nacnctgang	420
cncattttctg	nggggtcaag	ntcatnctga	tcttntngn			459

<210> 4345

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4345

tttnaacctt	tgcatttgan	ccctttgcag	gatccctcga	ttccaagnng	ncacnaggtn	60
ngctgnacnc	ttggctaagg	nnactgattc	tgngcncctc	acccatgttc	atggngangnc	120
cgngcctnct	ctggccatnt	gccncaacga	ntattcntnn	cccnaattg	ctnatntctt	180
gggatantag	nntanntgan	ngatttngca	agacnagaan	gtntctacnn	ntctgnccan	240
nacgtncgct	acttntnagg	ccttaacaaa	tcttggncat	gcatggmata	tatatcttcc	300
taangnaccn	catgncagg	tccatnccat	tcattgaatg	ccaangatan	accagctnct	360
ggtncnnaag	nagtnntnag	ncancntanc	aaaganccnn	gggcccntgg	ngnttgacan	420
cattcatcgt	ggaggaacaa	tggannnagt	ctnactttcn	cnanncnann	ttctgattna	480
aggnttgtga	aagagtatta	catnancgtg	nanmtcangg	ntgatntanc	ncanaaatgg	540
cancttttnc	ttgcatcnag	ggtctnggcc	cctttntnca	taaaaanngg	atctgaatag	600
gctttnttan	ttaccnncnn	cacaccnmat	gnantaanct	aaccctttgc	naangttagn	660
nncttttacc	acanaggtcn	ttacncaaaa	ntannnggtn	anaaccceng	ccanttttct	720
agattantnc	ccaacttang	ccctgncatn	cacttgatac	anggccccct	tattanaatg	780
aact						784

<210> 4346

<211> 887

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (887)
 <223> n = A,T,C or G

<400> 4346

caaaanccttt	gcccccttttc	aaatcncttg	gctactcggt	ctttttgcag	gatcccatcg	60
attcgntgct	gcgactcagg	cncnntgmat	ggnaantgac	ataatgtnan	cnanangcnc	120
tctgntgtat	gagttgtgct	tggtttgnnc	nagnaggaaa	ctgngnnntn	tataactacn	180
ccnangccnt	ttggacaaca	gctgggatcc	aaccnttgct	nntngnnnna	ntggttctttt	240
cagnnccctn	tggtntagac	canaacantt	ccttgtnaan	ccnaacnngn	caaaacntng	300
nancagggnt	ncgtnnccca	angtnnttnn	ttanngnccc	cnnngnngna	aacnntttca	360
acccttgnc	tttgganana	nncttngggc	cntnaaaatn	nnttnnatan	naccttnnnt	420
ggggattcnt	ttaatttcta	ntnaaangtt	ggtgggtccna	ttttaacctn	naaaatgnnt	480
ngcaatgnnn	acttataacc	cttanatcgn	ttgncctaat	tgaaancntt	aacngtctaa	540
acnccttnag	ctaaanctcc	caatatcgnn	ggtaacceng	gngnatgnnt	nggggccaat	600
ggnnntttca	annnnnctnn	aagatcctcn	gnatnnnnag	aaggatatnt	nccnncntgg	660
gantanttct	ctgnnttatt	cnnncgaaaa	aganaccttt	gncctcttnn	nattgnaata	720
ttngcctngt	nttaaaaancg	nngncccant	tttgggggaa	tatnnnnntt	ctnnganana	780
aaaatggggc	ccnctgggn	tactttatat	cnttntnnng	aaaannccgn	cnaanatcct	840
ncatattggt	ggntcntttc	atgacngcgg	ggnttanttn	ntncccc		887

<210> 4347
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (463)
 <223> n = A,T,C or G

<400> 4347

tattcnatct	gctacttggt	ctttttgcag	gatcccatcg	attcgagann	aggangaang	60
acnctntgcn	tggnacaggg	ctntgnccct	antctgaata	tgtcattccn	ncacggngan	120
cnnnagcctt	tnnnctctccc	catntttggn	aattactttc	ttgangatgc	tgcctttnaa	180
angcttcncg	tacattatcc	atntttaaaa	aaatcctntg	actggatcta	ctgaagcgcc	240
nttgctntat	taanntnagg	gcctcnagca	cctaaanntc	tngaccatnn	naagacattn	300
ntncatttna	ctnctttgta	taactaaata	ctctntannn	atttcnnttn	caatacngtg	360
ganggnaatg	anaagcatnc	taaanttggt	tnaatntant	tcnntnanna	tgtnngacna	420
aagaagaaaa	tngcttgtn	tcagggttcat	nggcttggtc	tgg		463

<210> 4348
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4348

tttcnaatgc	ttggctactn	gttctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
gccngtntnt	nctaatnntn	nnatgntnac	ctgggnntgg	tggtgggnng	cntgcagnnc	120
canctactca	ggngctgng	gcatnanant	ngcnngaacc	caannnggtg	nagttgctgn	180

natccgaggt	tgcacactng	nactccancc	tgneccacana	tcgagactng	tcttataaaa	240
antaannnga	nmatgmnaga	cctatcagta	gggtgancac	ntgtccttnn	gctntgcngn	300
tcnacnttna	tgcgatgnga	tccantgang	ttnaaccnccn	ttccactnnn	tngnnaantc	360
ntnnnttaca	tntctgtntc	cccaaaacat	ntcacgtaac	anttattcct	aggtgcagnc	420
tcnctatcnn	taggntcctg	gtngggccaaa	ttcctgggat	cangtgaagg	tgggctgtnt	480
cagtaanaan	tgaatggact	gnanagngcc	cattttacaa	ggaccatnct	tntctgggggc	540
aagccaataa	attatttncc	ctntttgggg	gaaaanaatt	ttcgganccn	taaattanat	600
ttcnggaaac	cnnccnnaaa	gncttnattt	tcccnmnaca	aannttngng	gannccatttt	660
tanggggna	nmanagngn	naagggttcc	ngttggnttn	gcccantaant	tcccaaggnc	720
ntngaaaccc	ttatggggnn	accncattcn	ggataatttg	nnaa		765

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

gtcntctttg	aaancccttt	gctacttgct	ctttctgnag	gnaggcatcc	catcgattcg	60
ccnagcncn	gngngcaggc	gggttgctna	tgngncnctc	ttccgcttnc	ttgntnaatn	120
actntctggn	ctngctcgnt	cngetgctgn	nancggaann	anctcnntct	aaggcggtga	180
tncnnatatc	cacagantna	ggggataacn	cnagacngaa	cntgtgatcg	aaaggccaac	240
agatngccta	naaccgtaaa	nangcanant	agcngnccta	tatccatang	ctngctgcnc	300
ntgactagca	tatcatanat	gtcactgtca	tgtncntncn	tngaaaagnc	cgtnaggntt	360
nttatgatac	nnggcnntt	cacttggnnn	ccanntcaag	cncncngctg	ttacaatgct	420
gngnctgaat	gnatacccg	ccnactngnt	nnattaggna	acntgggatc	ncttctatnc	480
actgtnacnc	tcatgggggt	ttgggnaaat	gcccangnn	nngnccgna	ttccncccg	540
aagntttgng	gnatgttgtt	gnggaccgna	aacccttg	ncgttaccaa	ttggggggga	600
aanaaccttg	ttgggccttt	taaaccnccg	ggtaaaaacc	ttnatagcga	aatttttagga	660
gtttgnccan	atnccccggn	ggntnaaggc	cmnaccat	tgtttaaatt	ccccccaacn	720
ttgncccttg	nnnnaanggn	ccttggtnaa	accgggggga	aattccccct	ngaacancgn	780
antagggtn	ggcanggcnt	tttanaggga	ntccccctnga	aaagcggtg	gngggtnaac	840
ntttcgggct	ttgggggtga	acangnanc	tncaaattng	ggaaatcntg	g	891

<210> 4350

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4350

ttntctaan	nnnnntggga	nctttnnctn	nctccannna	tncnanntgc	60	
ntnccggtt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggctt	ccttggcttg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaagggaa	gagtcttcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgtag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cggccgcctt	ctcccccttc	360
ccagggatgc	tctttgtaaa	tatcggtagg	gtgtgggagt	gaggggtacc	tcccttcccc	420

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aaggttccag aggccctaag cnggatgggc tcgctgaacc tcgaggaact ccaggacgag      480
gaggacatgg gacttgctg gacagtcagg gttcacttgg gctctctcta nctccccaat      540
tctgcctgcc tcctccttcc nanctgcact ttanccctag aangtggngg acctnanggg      600
gaanggacaa gggcaaggng ggcccatga aaaaaaagcc cctcnnttgn ccnacacttg      660
ncttgannnn ctncttctt nctggtggcc ccanangntn ggnnttnncc aacccccacct      720
gggattttnct tgcccnttgg gggngnaact tgcccccttt cctnggnttt ttgtccnnca      780
cnngggcctt cnttgggaac ctttgtcacc ct                                     812

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<210> 4351

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4351

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ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttnen      60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn      120
tccgganatt tcggggccac cggaggggaa tttngtggnn ccatgggggc ggggttacaat      180
nananagggg taantnacca ttgggatggg taaaatnana aagggccaat caccattggg      240
acngttacat aaaagnnat cgctgnggca agccaccaa caattcccat nanggaaatt      300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan      360
caccocggnc cttnttggat naatganggc tggcggngnn ntggagnaaa anngacccan      420
nttaaantng gnnaccnnaa tgaaaggtnn ggcncnngaa tgaacccccg taccctnaag      480
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaaactaa      540
tggcggaacc ttggccaacc taanntttta acngnncatn ggaccnaanc atnnaaancc      600
nggaacagnc ggaaaaanag gncgtganac tnnngataatg ncatcnggaa cnnctgaccc      660
tgnnttccc tatgangggc aaaaaaaagg cctcnaagg gtnggaccn tttnattnnc      720
ccnttncga nccaacgnt tcattncccc tencaggggg nntcaaanan ggccntcncc      780
nctgnaaaa cgacngtccc ctggggcctt ttccaataan atnnnccccc tttnttnacc      840
ccnnntaaa aanccgnggg ngaanaaaag tcccctnaaa aaatattccc cccnnnnncn      900
tgnccnacca ctnaatnctc aaatnaaaanc cntttcnc                                     938

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<210> 4352

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4352

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ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttnen      60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn      120
tccgganatt tcggggccac cggaggggaa tttngtggnn ccatgggggc ggggttacaat      180
nananagggg taantnacca ttgggatggg taaaatnana aagggccaat caccattggg      240
acngttacat aaaagnnat cgctgnggca agccaccaa caattcccat nanggaaatt      300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan      360
caccocggnc cttnttggat naatganggc tggcggngnn ntggagnaaa anngacccan      420
nttaaantng gnnaccnnaa tgaaaggtnn ggcncnngaa tgaacccccg taccctnaag      480
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaaactaa      540

```

tggcggaccn	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaanc	600
nggaacagnc	ggaaaaanag	gncgtganac	tnngataatg	ncatcnggaa	cnnctgaccc	660
tgnntttccc	tatgangggc	aaaaaaaaag	cctccnaagg	gtnggacccn	tttnattnnc	720
cccntttncga	nccaaagcgt	tcatttcccc	tcncaggggg	nntcaaan	ggccttcccc	780
ncntgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnncncccc	tttntnacc	840
ccnnntaaa	aanccgnggg	ngaanaaaag	tccccnaaaa	aaatattccc	ccnnnncccc	900
tgncnacca	ctnaatnctc	aaatnaaaanc	cnntttcnc			938

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 4353

gnnnnnnnnnn	ngnnnnnnnnn	nnnnnnnnnnn	nannnnnnnan	nnnnnnnnnan	nnnnngngnnn	60
nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	120
nggggnaccat	cnnngncggg	aanccgaagn	ggaaggngan	tnccgggggnc	cggangaaaa	180
ncanggggtgt	tgggggggggg	gggccgtatc	annngaccan	ggggngaagc	acttnggnan	240
agggagcaaaa	gacacantat	gtaaaccnag	gaggaggaga	agaangcaaa	nnngcatgng	300
aaatnnagnt	tgaagaancg	ctttttttgc	tnntcagcaa	tggtatnnat	gaacaacaaa	360
aatatagaaa	aagngagaaa	aaggcaanna	tnaantatnn	nctgagggaac	aacaacaaaag	420
acaaaaaaat	gggggggggat	tgatttantn	tccccctgaca	agaaaaagaa	tnnggatcttt	480
agggntaat	gcaacctggc	agactcactg	agggngaang	gaatgngctg	aaaaaatctn	540
agcctgacnt	ggcaagctcc	caangggaca	ccaccncaat	ggagaagaaa	gcaggaaaag	599

<210> 4354

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 4354

ttntctaannn	ntncttnnna	nnnnntggga	ncttttnnctn	nctccannna	tnnnanntgc	60
nttncgggttt	gggagtcagg	cctggggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggcctt	ccttggccttg	cctggtgggg	gaaggggagg	180
aggggaagaa	ggaaagggaa	gagtcttcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cggccgcctt	ctcccccttc	360
ccaggggatgc	tctttgtaaa	tatcggtatg	gtgtgggagt	gaggggtacc	tcccttcccc	420
aagggtccag	aggccctaag	cnggatgggc	tcgctgaacc	tcgagggaact	ccaggacgag	480
gaggacatgg	gacttgcgtg	gacagtcagg	gttcaacttg	gctctctcta	nctccccaat	540
tctgcctgcc	tcctccttcc	nanctgcact	ttanccctag	aanngtggng	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacacttg	660
ncttgannnn	ctngcttctt	nctgggtggc	ccanangntn	ggnnntnncc	aacccccact	720
gggatttntc	tgccenttgg	gggnngnact	tggccccctt	cctnggnttt	tttgccnnca	780
cnngggcctt	cnttgggaac	ctttgtcacc	ct			812

<210> 4355
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 4355
 gcttnaatgc ttntcctaatg cttggctatg cggatccctc gantcgaatt cggcacgagg 60
 acctatcttg atctggatag taaagtgagg actttaaaaa agtttnttaa attactggga 120
 gaaatcatgg agcacagatt caagactttt cancatttaa aaaggtgggt ngnccttncn 180
 angcaanttn tncctngcca ncttactatt tcanccgncc tatgnngaaa aaatcaantt 240
 ttgccccatg antnanttan gnncgttaacn centcncnng gagctcnagg acctgcctgt 300
 nangaccagg gctgggcctt gccaacccan ggcaatgttg gggccngagg ctgctgtgtc 360
 tgnccaagct nctntcagag tccaattccc cangcctaca gcgctgtcag ctgcaccct 420
 ggcattctca cagagctggc ttgnccaccc cantgggggg ctatannctc agagaccact 480
 tcatectcnt ggaatenacc tcttttctaa taccntctt tggaaaaaag agcttgncct 540
 ntncnnang caaacctnng aagcttntgg gcentgggtg tgtaataatg gtcttncct 600
 tncggttgaa acnncantgc centgggtgn tgttntcgtc cagntgtcgn tgaggnaacc 660
 ttnggnattg cancntttan ggcccccaagn ntccaaangn atntncantg naancctncc 720
 ctatacccn cancccnan ttanntaaa attnccnna aaaaccctt naaatatana 780
 aaaacncana aacttttgng ncttttanaa cttttngcg 819

<210> 4356
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4356
 cccngcgann nncnncacng ncngnccgcn gnancgnncn nngcgcgggn gcngncnnnn 60
 nccnnnnnnn nngnnnnagt gcancnatna gctcccggcg gacncagnnc cagaccnng 120
 nggncgaggg cgcgngcnag gnacnnnttg nntttcggtn tgncccnca gccgagngcc 180
 ggggcanggc ggnnagcncc ggnccagngg ntgtngncnc angngngngc nngcggncgn 240
 gggcgccctg gtncgcgcg gnetaccnc ggnnggaggg agattncng ngngcggncg 300
 aggacantg gggccggagn agnanggtgc gcgncaggg gnaanacng ctngtncgcn 360
 gnggccnggc cntctngcc aaggagnccc ncccncgag nggggcggna tccnggcccn 420
 agccgnttac nagccnaat cnacnnnggn cccagaggcc cccggtccc nactnggcc 480
 cgaccggng ggncccccgn ggggggaatt tcnngaggc naanancggt nnggnaacct 540
 gnncgccccg tcaagagaac cggcncnnac nnccaacagg gccnaagng ggcctagtna 600
 aacaaanccc caccgccacc cggcggnang ggcncggnn gggngttacc ntatcngnc 660
 cgnaagcccg gaancggaan ggggccntgg ncaaaaagcn angggttnnn nccccnttg 720
 gccnnnang gcccncgng aaactngggg ggggggnggn gnccccaagt atncgggna 780
 agccctgnag gggggggann gtaacccttn nnnccnta angaaacgg gggggncnnn 840
 cccccccca aggggggggg nggnttnaag ggcganccca ncnacntnt gctcnggaa 900
 nnaccccgcg cgg 913

<210> 4357
 <211> 745

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 4357

tttctaaatg	cttggcnact	cgntctttct	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggataggcca	cattccagta	agaactcaat	ttgtctccca	aatttgcaga	aacaaaacgt	120
gatttaaaag	ctgagctttt	tatcagaagc	ttttttgatg	ttttaagtgt	tatgtgactt	180
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	240
aactaattct	gattgtgtcg	tgcccaagtn	cccttttttt	ttaatgaata	nggaccaatg	300
ccacattgct	ttttatatatt	ctttcttttt	taatgtngcc	aaaaccaaaa	gtagctttgn	360
tttcctttgt	attttgctac	tttgcagtat	ttgtgtgtgn	ggtnnttttt	ccttaatttg	420
aaagggacag	cactgtgtat	gtttataaac	taaatgaaga	tnagatatta	ttttgntaaa	480
cattcatctg	agaacaatca	angcagtagc	ccatggngct	ggctnctttg	cagcannaaa	540
ccntgnacat	tttgatgact	gtacaacang	gaagaacttt	gaaaaaatca	cgggtgggatt	600
catattaccc	accggnnttt	catttcatgg	gannctttct	tgatcaaaaa	aaagctnact	660
tccgtaant	nnatnatttat	cctttctgtt	ntcntaanaa	aatatngggg	tgtttttggt	720
nccananaa	ggnaattttt	gcnnt				745

<210> 4358
 <211> 893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(893)
 <223> n = A,T,C or G

<400> 4358

nnnnaanaa	anngnncana	nncannanng	nnncnnncn	nncannnnnn	nnngntnann	60
nacgnaana	annnannnag	nantccnnnc	nnnccgcncg	cgnnnnnnnn	ncagnnnngcn	120
gnagncaac	tcctttnaaat	cncttggcng	agntccatgc	angnatacca	cgcagcggna	180
ggacaccng	cgntggggnt	cnngtagtnn	ggncacaggn	ngggncntat	ggcaganaag	240
nacncagcan	cnaccagag	cgtaatgggn	ggccganacn	ggntggggng	cacgatnact	300
gtnccaana	agacggagaa	ctggcagcaa	ctgcangngg	cgggtggntnn	cnnacnac	360
nnattgcnag	tcatagcggc	tatgtgcana	ttgactggaa	gagagttgaa	aaagangnan	420
ataaagcnaa	aagacagant	aagaaacgag	cgaacaaagc	ancaccngna	ancaacacnn	480
taattganga	agcaacagaa	tngatcaagc	agaacatngn	ganatccagn	gggatntgng	540
gggaggctnn	nagctcggac	ntgcatctna	aggacaatga	atattcnccc	anaaacggat	600
ncaaactatg	aanaacagaa	gtgggcagcc	antaaggcag	nntctcaaaa	gncatactcg	660
ccaggantct	ctanggcaag	gagaaacaac	cnngntggac	aattantcaa	ttccaaaactn	720
tanccattat	gccaanctgg	aagcttggca	aaactagnna	tcngctngan	aaaccaacct	780
atatggggca	tgcggaaccc	ngangnantn	ccccgngcaa	aaacgnnggc	tancaancga	840
ntnagcnaa	aanatggcnn	ncngtnnaag	naaacctngc	cctaanaaaa	ccn	893

<210> 4359
 <211> 1837
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1837)
 <223> n = A,T,C or G

<400> 4359

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cgggttttggg gnttttttcc nngnntgggg ggnaaaacc cccctttttt ttttnngggg 60
gggacanaaaa gngancntnc nctcgnngcn cngcngnnn gcgngntgcc tnanncgtgg 120
gcncgnntgt gtgggngntg gncgtantgt ncgctncggn gcngcacaga tgnggcgng 180
ggggnngtnn ngnggagnc gtnangncng cnagcnnnag tgntnttttt tngcnangnc 240
ggncnanggn gagagntgnc nnnngngggg gggnatggna gcaggngngn ngcggggggg 300
ngnnngngnn ncgngngcgn naggaggngg gnggggctgg nncgggcgng gnnncgcgcn 360
cngtngggccc nnnngtncg gngtgggggc nnaggtggnc gggggcaggg gngttactgn 420
tttggcgca gngngncca nngcanggna ncngagtng agannggcg gcgnaagg 480
ngtgganncn nngtctngnn gncgngnnt tnagacgntn cnnnnggang agngtgagcg 540
ngnnngcngn ngagnntgcn cacgcagngn nngggagcga gnnngctggng angtatganc 600
gnggggcggn ntgnnnngca nnataggntn nagtngaca ngcncnggtc ngaggntnn 660
gtnnatngct cgntnnnatg gtgnnnngca nnangtcgag gngcgcgcgc tnnaggaagt 720
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ccnnnagag tcgcnncng aggtggnncn gacnggccac gangtncacg ngngtntgg 840
gnaagcatgt nggncgtnac gcacgtacg cgntnngnng ttgncgnnac gcncntnggg 900
gctcgancnt nanngcgang gannggggga agggcngcgg nccacggtnt ncngactgg 960
ngtngngag gtctngtgcg gtgggntag tngacntgc agncntnct cagganagng 1020
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ncgngngnan ggngngcgn anantcntcg cggntcntga gacggagctn gngagcgng 1140
gannngngng agngngaga nntcgtgagc naggagagg agcaggcgnt gnnagcngng 1200
agngggtgtg cnnnangtac agtgtgnagg ncagagnncg cgantnngga gtnccgcncg 1260
tntcggngc tntgacgtgt ntntcggnt ngggggtngc gtcngtgnnn ncngngtntn 1320
nnnaggcggn gnacgtgnt ntgtgggng catagtatng gcgctnnanc nctgtcgcng 1380
cgagaggtna gtngtntgc nncgcagngt ggngnagtga nggcgggtgt ngtgannngg 1440
ggtgtnnccg tnagnggcgn gggacgtgnt gnganntgcg ngnnnaagca cggagcgngn 1500
gnntcgcgcg gcgagacngg agattnnngn gnnagggcnc gngcncncgg aggtangcgg 1560
tcntngagga gcnnnggta tggtngcgca ngcgntnttg ngcgcntngt gactgggagt 1620
ncgctntngc gntagagtac ananggaatg tnatctntcn ggnacgggat gganacnggt 1680
ggnganagct gcngnctcga gggacanatg gcgcgcggtc ggnagnagt ngngnagcgc 1740
ggacnggggt ctgagacgcg nnggtggggn nnttnganan gtannngcnt gngngnggag 1800
nnngnntgat gcngggagcg gngtatatna tggngnt 1837

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<210> 4360
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4360

```

gtnacnccn gcntttctaa tgcttggcga tcgnactntn tgcaggatc ccatcgatnn 60
gaatacngca cgaggcgagt caaantgtnt ntgnnagcng anctcctnnc gggaccngng 120
ngcngngntg ncnntgatgc nagggtggtc atgtnnnnca ncaangcct tttgtngtc 180
cncnctttg ntgaangang gatgtggaag aatgagcttg atncttgtna nntgccnaat 240
nngatggcca anngattgta tagacnctcc catatggtga canaccagat ntcancntaa 300
ntgaatgtac tcannnnnch ngncntcnn nntcnagnc nccttntctn gnactntann 360
nntctntatn tttatganta ccntantgt ggtgcnnnct tgagggggan acanatacta 420
tgntcatncc cngnnancta cttttggncc nccagatccc catgnttttt tocatgcnt 480

```

```

gncaacttgn atctnttaaa tacatagggg gtgnacgn gn gtataantac naactcttct 540
nggggtgntgn nganaantnt gnccangcct gatntcanc tcanagtgtt agttaaaacn 600
attnnnnata cacctttttt tnaccntttt attggggctn aaaaaaaant tncgtcccg 660
tttggaann tngnttggnc cttttttnt ngnancaatc ccngaacct ngntaaataa 720
ntanccctcn tttgaanata ntggannng cnccttnc ntcgtttttg gtcgcnngga 780
anaaaaaaag gntctntttt tcntngggat tnttnttggg ggctcntngg cctttntttt 840
nn 842

```

<210> 4361

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4361

```

ggntttnnnnc nnnnnntttt nnnagagccg gnnnnnnngnn nnttnanaat agncaggcta 60
cttgttcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg 120
caaaaaaggg tactcacttt gtccagttat gctgccaaag aaatattcct ctgctgttcc 180
ttcaaaacat tactggattt atggttggta gagagtatga agctgaagga attgccaagg 240
atggtgccaa gatggtggcc gctgtggcct gtgcccaagt gcctaagata accctcatca 300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgtat agcccaagat 360
ttctctacat ttggccaaat gctcgtatct cagtgtgtgg aggagagcag gcagccaatg 420
tgttgccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtg 480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact 540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggtct 600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct 660
tcaggatgta actgggaata aaggatgttt ctggtggaca tgtactgaaa attaacacat 720
gtngtancct taaaatttta gactttctcg acatgaggct ggtacn 766

```

<210> 4362

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 4362

```

tttgaancct ttgaaaccct tttgcatttg aaacctttgc aannccgctt tttgcnggac 60
cccatcgntt cgaattcngc ncnanggcaa ctttnnggaa ttcntacngt tgangactgc 120
canatgaana cctactttca actncttttt cccccctcta gaagaatnaa atcgnatctt 180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tncgtattct 240
atntancaaa actgantgnc aaaagtgcct tcngtccaca cacacaaant ctgcatgtnt 300
tggttggtgg ntctgtcccc tnaagaacaa gctacacatc atggntacan tataaattct 360
cgatctacct taangatgag gactcctnnn agaancattt gctattgatt aatacactgc 420
ttnggcngc nagttnanca tncntgcagn ntgtctanag accacanang ggccttttgt 480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt 540
tgttnacant naaangcata agtnggncnc tggncantac cnantatnaa aatgtctanc 600
ttnggnaagc ctcatgaaan gngggagngn tagaccgtaa tactggccca aaggngngag 660
actttaactt ctgtgcacnn cctgggncan accacctgcn nctgcctnta tgggttnacg 720

```

agctnntaga cagaagaaca gtttgc

746

<210> 4363
 <211> 900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 4363
 tcttactttc tttttngaaa cccttttacg caaggatccc atccgatttc gaattccggc 60
 acgagcagag nagccctttc ccagnaaagc ctggacaccc gtgtctttat ttngnnagcn 120
 cgtgctagtt gcttttaact ggccgacagg tggctgggtat ttagcccttg aattataagg 180
 aaagatagga cagaataaca agcaaaaggg gtccgatggg ctcaccactc aacgctaggc 240
 gaaggctctca ccgttcggcg ataggcgata gtctcaccgc tcggcaattg tctcaccact 300
 tggtgataag tgaangtccc ttcgtgggtca ccaaaatgtg tncagaattg gtgggttctt 360
 ggtctcactg acttcaacaa tgaanccacn gacactcgna gtgagtgtta cagttcttaa 420
 aggcagcntg ttccggnagt ttngttcctt cctgattgtt ccatatgttg tttcannaan 480
 ttctttcctt tctngntngg gttccctnng tcttcgccnt gggctncaag ganatggaaa 540
 ncctgcaaaa ccctttcncc ggtnaaactg ntttaccagc ctctttaaaa tttaggncn 600
 ccatttttgg ngangtttng ntttccnttt cccttccccn attngnggcc ttcnctnngg 660
 gccttctcct tnggccntt ccanggtaat tnaaaaacct tnnnncagan ccttttcnnc 720
 acttgcnanc ttgttttnac aaaccttaat tnaaaaggcc ccttgggtcng aaccccccaa 780
 nnaagtggaa nccnnttnnc ccaaanaatt taatttngcn aaannaacca atanntaacc 840
 canacnttn tcaccancnt gttttcnaaa ggggtanccc ctaatccnnn atttgcncnt 900

<210> 4364
 <211> 1565
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = A,T,C or G

<400> 4364
 ttttnggnnt annnganncg annnnnannc tcaacnnggg gggnaaaaac nccccacgg 60
 nnagggccag ggggnaancc ccaaacnggg aaaacccggg aaaannnacg gggcnaacgg 120
 tagggggngg gngggggccc cggnncnctg gggggggggc agaancaaan ncaagcanac 180
 ngggtttttt ttttttttna naanngggnc cncnacaggg gcggnggaaa ngccacacgn 240
 gggggggggg ggggnagtnt gtggtctgaa aaaaggncnn nggggggggg ggctactnaa 300
 aagccangag cnacangann cnagnnaacn cgganacang ggnacanngc nnnanaggaa 360
 nccnncnncn gagaaggccg gnanngccnc gagngnagnc gcncnacgag ncccaccngc 420
 nccaaaacan cnnncnacca nnangnngnc nnnaaanaaa angaangcgc aaacanacnn 480
 acgcaacgcn anananaann aaagnnngnc ngaancgnnc nncncnaacn ncnnacacna 540
 ncgggnaaga nnganggnng nncacnaaca acnagngcan gngaganaaa ncagcannga 600
 gnnnnagcng acncagnacc ncacnacaaa gncanagggg nccnacannc nanaaaanna 660
 nacgnaagnc ncanacacnc aagancnatn gaaaaacacn nccccanna ncaacaanna 720
 ggatacccac aagcaganna caccanncna nngccnacnn anacgcccag nangnnacaa 780
 tagacacnac nagcgnnanc anaganaacn cncnngctna gnncganaaa nnannagnnc 840
 aagacggacg ngaaancgac acaangnnnt ncacacaaaa ncncagagnag actagaggan 900
 ncganacng atacagacaa cacacagnac gcnnngcacg agacaannna agnnnnngnaa 960

gacgcganac	anngacagna	nnncgcncan	cganganntna	cgngacacna	canagnnna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgnacgaa	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacn	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nngagngcac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacgngac	cnnagacang	agagngcacg	1260
acaaanacnc	gnnncgcagn	gacncnccag	nacancgcga	acacgacgnn	gacnngagaa	1320
anagaananc	aagacanang	ncnaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntngngacan	atccgacaga	gacacganac	cncaanacng	acgcgngann	agnnanngag	1440
aagnnnnccn	gcgcccagacn	nananngnna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacngna	gncnagagac	1560
agaat						1565

<210> 4365
 <211> 1052
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1052)
 <223> n = A,T,C or G

<400> 4365						
tnctgtgtgt	cccttgnaaa	tcnnaaaant	nncttgccat	cgannntng	cgacnccggag	60
gcaccgactt	cangcnnggn	naacnncngn	ngangacnnt	ganngttttt	gacagcnnac	120
ngnganctng	ancacgtngg	ggngcngna	gaaatgcacn	cncgcncnca	gnacgctnan	180
gngntacnn	nacttgangn	anaagnnnaa	nnnaccgccn	naacagaaaa	cgnnnnggtc	240
ngacgccant	ncaggcnngn	ananaactg	anganagana	nannccnggg	acgntcnnnn	300
cangaanagn	nnnnggacat	gannacnna	gnanaggcng	nnnannnnna	canaancgng	360
nnnanacnna	tnngcannna	gcnanngcnc	acctntnaca	cnaagnnaga	nnaaccgcgc	420
gngantngac	ccanancaat	nanncnnnnn	gcttcaactc	nagngcanac	ntgnntaaga	480
cggnagcanc	ccnncnatcn	cgacaggccg	nnncagagag	gnatctctna	cgacacctag	540
cgcataccta	nncacnanac	aggnccgagc	agaagatcnc	tnannancna	nntnmatcnc	600
ncnnanaaca	tgccgntntn	nacccctnnn	gtcantntga	cacannanag	tacgataaat	660
gntccagacc	gatagagcna	netctcncac	gntnngnngg	cnngngtaga	cnccaaagcn	720
acngnancgc	atntacgnnn	agnnngcntn	actncaannn	ngctnacncc	gtacgacagc	780
accantnnan	tngtgcgnnn	acaacngnng	ntgggnannn	tnngnaanng	annnccntat	840
gtnnnnncgc	cntcnngaa	ntcgaaagct	ggmctngcn	nncgnnnggn	ncnanccnaa	900
nnannacnnn	gtanancngg	ncgaannnat	annagnattn	ancnttcncg	nctanctnca	960
cgntnngntg	cnacaccagn	ggntntnccn	nngatnaanc	nantgangag	tccgccgnan	1020
nnnncnann	nnnagcncnn	nancccnnnn	cc			1052

<210> 4366
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4366						
gntctctatt	nnaatcgctt	ggctactcgt	tctttctgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gtgtatccag	atctaagtaa	tctcagtgaa	ctatacattg	cctaaaaagt	120
ggttttgtaa	tgattttag	tcacatttct	attgggatat	gtagaagaaa	aggcaaaatg	180

cttaaagttc	cttttatttt	ttaaaagcag	ctagatagac	acagacttgc	cacctcatac	240
atctgtcct	tggcaacatc	aaggggaacg	actagccaac	atgcctatgg	ctaaaaactt	300
tcctttgcag	actaaagcac	tgcttggtgc	ttcgtttttc	tacccttcac	aacatgtgtg	360
atttcatcta	agagatatat	acatgtacac	atgccctttg	tttccacctg	gatacaagat	420
cactcatagc	taattaggac	cattgttttt	tgttcatctg	tcttgttgca	tgaagggaca	480
ttagacccat	ttccattaaa	ataagttctt	ggtgataaac	tgtggcactg	ctacttcttt	540
ttaaattccac	tttatgattt	caagatggac	acttgtaaga	tgactcgaca	taaggccatt	600
gcctggaagc	cccagagctt	tcctctgttt	gtatggcccg	ttcatgtccc	aggcattgca	660
acacaaactc	aagattttcac	cacaacatga	caagcatttt	cctactgata	ttag	714

<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

gcctcacgct	nntgtacttt	ngttgctgtg	ttgctgtgct	gtgtgccnct	nngatntgac	60
nactacacnn	nncnaagggtg	cccngcctcc	tncnngatng	tngnaagnat	acttgacata	120
tggagnngca	ttngnctcng	ccnangtgaa	anngattgga	ntnatncnna	tgcgggggtg	180
gaaaanacnt	gnngggggnna	tatactgtga	cngtccgcca	cataaatcgg	tngccatatg	240
aactatngaa	ggctgggttaa	ngacntannc	tggctacnan	atngctgatg	tanatgnncn	300
anntgngnna	catanatctg	gntgtcaacg	nataatnnnaa	tntcnnggna	cngngaactn	360
atnctggngt	gcncacagag	ctctcnngat	ttacttatca	ctatnanata	tgggggtantg	420
cggaactcta	ngcanntant	gcttcacntn	atnttgnaaa	ancatatggc	atnntcantt	480
tgcttgtaaa	gcacttcatt	cttaactgct	cctnaggann	ggtnttccnc	ncaanggnat	540
ntnaaaaanc	agntttgntt	ccttngntgg	cgnaccnant	nnttgngann	tcttccccag	600
ngnannanaa	ggttacttna	ggttccannc	ctcnttntaa	nncnttataa	tgaatnnncn	660
ctnaaanaaa	annnaanntn	nctnt				685

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

tccttttcan	ttcactnnct	tttgttcttt	ttgcaggatc	ccatcgattc	ggtgggaact	60
ggctcaggct	ggattactct	tgctgtctgc	ttgctgtnct	gtatgccact	gggatctgaa	120
cactaaacat	tgctaagaaa	cccacccacc	accaggatat	ttggaagtaa	cttcacatat	180
ggaaaagtta	aagactcagt	ctctgagaaa	acaattggac	tgatgcgaat	gcagttttgg	240
aaaaaaactg	tggaagatat	atactgtgac	aatccaccac	atcagcctgt	ggccattgaa	300
ctatggaagg	ctgttaaaaag	acataatctg	actaaaagat	ggcttatgaa	aatcgtcgat	360
gaaagagaaa	aaaatctgga	tgacaaaagca	tatcgtaata	tcaagggaact	ggaaaattat	420
gctgaaaaca	cacagagctc	tcttcttttac	ttaacactag	aaatattggg	tataaaggat	480
cttcatgcag	atcatgctgc	aagtcattat	ggaaaagcac	aaggcattgt	cacttgcttg	540
agagcnacac	catatcatgg	ggagcnagaa	gaaaagggtg	tccttcccat	ggatatttgt	600
atgctgcatg	gtgtttcaca	agangacttt	ttaccggagg	aaccaagntn	aaaatgtgag	660

agatgtaatt atatgacatt gccagtc aaa gccacttgc cctaaagcat gctagncctt 720

<210> 4369

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 4369

ttanttnocat	cagctcttgt	tcttttttgc	ggatccctcg	attcgaattc	ggcacgaggt	60
tttnnttttt	tttttttttt	tttttttttn	ggggtacggn	agcactttta	tttttcctta	120
cacaatgacg	tggtgctggg	gcctaattgt	ctcacataac	agtagaaaac	caaaatttgt	180
tgatcatntnt	tcaaagaatc	gagaattgng	tacaaaaaaa	accttacata	aattaagaat	240
gaatacathtt	acaggcgtaa	atgcaaaccg	cttccaaactn	aaagcaagta	acagcccacg	300
gtgttntggc	caaagacatn	agctaanaaa	ggaaactggg	tcctacggnt	tggactttnc	360
aaccctgaca	gacccgcaag	acaaaaacaac	tggttcttgc	cagcctctaa	agaaatccca	420
gaacactcag	ccctgacacg	ttaataccct	gcacagatca	naggctggtg	gcccacagac	480
tcaccaagcc	acagacttgt	ntttcacaag	cacgttntta	ccttagccac	gaagtgccaa	540
gccacacgtt	ctaaagggtg	aactcaaaga	tatgtacagg	gtnttaaaca	aatccaaggg	600
gaacagttaa	cttcaatata	aggncaaaat	cagcacaagg	tntacaatnc	agnngctgatt	660
taaatacaag	ctttaanggc	aatttntttt	tgaangnttt	ttccatttcg	ngaggntngc	720
catgangngg	gtgcattttg	ncnnggggca	aatttntntt	ttcaattaan	ccatgccaga	780
aaangctccn	catttgntgg	gtccgtn				808

<210> 4370

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4370

ggntttttaag	atcagctact	tggtcttttt	gcaggatccc	atcgattcgc	cagtccatgg	60
gcaattggca	gatcaagcgc	cagaatggag	atgatccctt	gctgacttac	cggttcccac	120
caaagtccac	cctgaaggct	gggcangtgg	tgacgatctg	ggctgnagga	gctggggcca	180
cccacagccc	ccctaccgac	ctggtgtgga	aggcacagaa	cacctgnngc	tgcgggaaca	240
gcctgcgtac	ggctctcacc	aactccactg	gggaagaagt	ggccatgcgc	aagctggtgc	300
gctcagtgc	tgtnngtgag	gacgacgagg	atgaggatgg	agatgacctg	ctccatcacc	360
accacggctc	ccactgcagc	agctcggggg	accccgtga	gtacaacctg	cgctcgcgca	420
cogtgcgtg	cgggacctgc	gggcagnctg	cgcacaaggc	atctgccagc	ggctcaggag	480
cccaagggtg	gaggacctat	ctcctctggc	tcttctgect	tcagtgtcac	ggctcacttcg	540
canctaccgc	antgtggggg	gcanatgggg	gtngcagctn	cgggacaatc	tggttaccgc	600
tctactctg	gcaactccag	cccngaacc	aacccccana	actgcagcat	catgttaatc	660
tgggacctgn	caggcagggg	tgggggtgan	ncannanann	tnnnangnaa	attnnctttt	720
taaant						726

<210> 4371

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 4371

tggggggtttt	atanncagct	cttggttttn	gcngttnnag	aganngctac	tngnnctnna	60
gncgagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	120
tgntctcccc	ttccaggtct	acatcatttt	atctcttttt	tctttgtctg	gtgggtttttt	180
ntttttgagg	caggagaatt	gcttgaacct	aagaggcgga	ggttgtgggt	agccgagatt	240
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaactt	300
gcacntgatn	aaaaanggtt	ttcatgacnn	agcatgcnea	ttmctggcgg	gacatttccn	360
gaancagacc	ctgttantcc	tttnacttac	ctgctggatt	tttnaagcgc	taaattttata	420
acttntttga	aacaannact	ngtgtaattt	tnccatttgg	gggcaaaactn	tattcntgtg	480
ancattattt	aatcttggnt	gtnaatntat	tganancccc	ttaatanttg	caatgggtca	540
aganaagctg	ccacggngtn	atnatcctct	ttanattggg	cntccantat	tantgatgca	600
ntcatgactt	ntggtttnac	ntgtntggga	tggggccaat	aaatgnatnc	ttcaagcnng	660
ncaaaaaaaaa	ncccnnggatt	ttgattcnna	nngggnacnt	ggnggtttnc	tgactttttac	720
cntaaattac	cttngtntgg	ntcttcattt	aaaaanaaaa	cgcntnt		767

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 4372

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcagcaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtccctgnn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taattttaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctcaa	gtgatectcc	tgccttggcc	tcccaaagtg	ctgggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nnggggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccttaa	tagncaante	ntnttaanne	cccnaatcnn	ttagnccctn	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaacccct	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 4373

gtnttttcaa	anntnaggct	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggctctcg	agttttttttt	ttttttttttt	tttggaggag	ataaaccaat	tttatgtcta	120
tcatgttata	caaaaatcta	gaaataatag	atttgtacag	aaaaaaatga	taataaatga	180
gaacacaaaa	catataattt	aaatttggtta	ttttttcccc	catgatatta	ggatgataat	240
catttcaaag	cacatgtcta	gcttcagagt	aggatttggt	cactggccaa	agcctgccat	300
gaaactatgg	ctttcagcat	ctgtctgtct	tactggctct	tgacaaaact	cttgaggnct	360
tcaagaaaag	taatgtactc	ctggtgtctc	agggtgtgtc	tgagctccac	cagctcatct	420
gcaaaagtgt	tgtccacccc	tcggtcggca	aggaaatcca	ttangtggtc	atataaggcc	480
cagtccaagg	aatctgtgtt	gagtgtataa	ttagtatact	tccattcaga	ctcgccagtg	540
gactgaaagc	taacttccct	gatagagaag	atgtcctctc	agcctcgctt	cttgtccacc	600
tcatcctctg	gataatgacc	gtccacacaa	gggccctttt	gccatcatca	ttctttataa	660
cttcaccccc	gaaatttggg	aagttgatgt	cagttcaggc	tcctgnnctt	caaccttctg	720
gccttgnoga	ngg					733

<210> 4374

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4374

tcacagtttt	ttntcccccg	aancggtnga	aaattcctgc	aggatcccat	cgattcgggtg	60
gaactggctc	aggctggatt	actcttgctg	ctgtcttgct	gttctgnatg	ccactgggat	120
ctgaacacta	aacattgcta	agaaaccac	ccaccaccag	gatntttgga	agtaactgca	180
catatggaaa	agtaaaagac	tcantctctg	agaaaacaat	aggactgatg	cgaatgcagn	240
natggaaana	aactgtgnaa	gatataact	gtgacaatcc	accacatcag	cctgaggcca	300
tngcactatg	gaaggctgnt	aaaagacata	atctgactaa	aacgatggct	ttntgaaaat	360
cgtcnnatta	aanggaanaa	ananantctn	ggatgacaaa	ancatatact	aattatcaan	420
ggaactggaa	aanttatgct	gaaaacacac	aganctntct	tctttactta	acactagaaa	480
tatanggtat	aaaggatctt	catgcanatc	atgctgcaag	ccatattgca	aaagnacaag	540
gcntgtcac	ttgcttggan	agcaacncca	tattcatgng	nagncanaat	taaaggggct	600
ncnttctna	tggaatatte	cgtatgctcc	nattggggct	tncncaatga	angacntttt	660
tntncnggat	gnaaccanc	tatnnnaann	tggtntacaa	cannntatat	nnttttnaac	720
ntttnncccn	nccanancn	acncnttggc	cnetctaaaa	agnantgctt	ctngtccccg	779

<210> 4375

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 4375

annaaancac	acnnnccaca	ncaanaaana	canncanana	nncnannaaa	cacaanacna	60
accncncnnn	cncncnacia	acnnncacan	ncnnancnc	ncncaannng	cgngcttcaa	120
cnnatggnaa	gccctnggc	acacgnanna	acagcncgna	ancnacgcna	cgcncnann	180

cngannnaan	acacccanan	nacacgagag	agnnancnaa	cacnannana	cnnacccgcn	240
ccnanaaaanc	nggncnnga	cgangccgac	gnacacanc	acaaaacncg	acaaccccn	300
acaaaangca	aaacgcgnaa	aganccnang	acnannaaaa	agnccgac	anancaacna	360
gnacacacg	acnaaccnng	accngcanac	ancnnnccac	aaaccncgag	agcnaccccn	420
acgcagcanc	ncnnccgcaa	annngnnann	nacacnccna	gccccagann	angaacccag	480
cancnnaan	cannnngcnc	nacgaacaac	aacnnanana	nnaaccccca	gacncacaca	540
accagnnncc	nacnganac	gncnacccnc	accncacngg	aacaananaa	ccaggccncn	600
aanagcgna	acaacccaaa	aagnaccccc	ccncanacan	caacagnana	cacacacccn	660
cncgggacaa	ncanacncac	nnaggaaaac	cccaannngn	gncaaatnan	ancccccaca	720
acacagcacc	aaaangccaa	ncnccaaaac	aaggcgnaac	nacnncagcc	gcgacgacac	780
aaacaccacn	naancnnaan	cannnnncag	ggncaaacan	ngcaaaanng	nnggcgacac	840
actanancng	ngacacccca	ananaatnag	ccccanggan	cgacacanna	acagcgagcc	900
gaanccgna	aanaaacgna	aaaaccnngc	ncaccnacca	ggcacnacn	caacaccacn	960
gcaaaaaaac	ancncccnna	tcnaaacacc	ccaagaannng	ncacacacng	nncacaaaang	1020
naccncnna	anaagggcca	anngccccan	gaacccccca	cancnnnncc	ncangaanaa	1080
naggncnna	cncanggccn	acnncaanga	cacacnaccc	caagaannca	ccacagcnag	1140
anaancanca	ccccancann	gaanc				1165

<210> 4376

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4376

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttttttttt	tttttttttc	acgcttaatt	cactttat	ttcttgata	aaaaccctat	120
gttgtagcca	cagctggagc	ctgagtcgc	tgcacggaga	ctctggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagagggtcg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttggc	gaagttgccc	300
aggtggtgcan	tgcagccccg	ggctgaggtg	tancagtc	ngataaccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaaggga	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttggccag	gatgatggcc	540
ccacngatgg	cgggtgncac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttnccnat	aggnttcntg	660
ccccntgna	cangctttna	caaaaaatct	gmnmtttatt	tanaaggtgg	gnnaaccccc	720
ccnng						725

<210> 4377

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4377

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttttttttt	tttttttttc	acgcttaatt	cactttat	ttcttgata	aaaaccctat	120

gttgtagcca	cagctggagc	ctgagtccgc	tgcacggaga	ctctggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagaggtcg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttggc	gaagttgccc	300
aggggtggcan	tgcagccccg	ggctgaggtg	tancagtcac	ngataaccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgtccc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaagggg	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttggccag	gatgatggcc	540
ccacngatgg	cggtggncac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttncnat	aggnttcntg	660
ccccntgna	cangctttna	caaaaaatct	gnnttttatt	tanaaggtgg	gnnaaccccc	720
ccnng						725

<210> 4378

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4378

nnnnnncccn	nnnnnannna	cgngcgccn	acnncggnn	gnangcgccc	cnnccgaccc	60
ganangnacn	cnnncagngg	cntncnncan	angacggngg	nnnnnncaca	nnacnncggg	120
nacgnngncn	ccgangnnnn	gccgncncng	cnnncnccgg	ngccccnttn	gaaacnctng	180
ggaaatccga	cacnccnctc	gngancagcc	anaccennac	cgncggggga	ngcnnaaanc	240
nnacggcan	ngngncgngn	anacnancnc	ggnnncgcn	ggncnggaca	cgnacgncgc	300
ccnccngncc	cngncggcgn	cangngaaag	ggngccgngg	cccngncggn	cnacnncgc	360
cagnnanncc	ngnncgcnng	cacngncccc	ngccgcnccc	nnncgtcncc	acnncnccgc	420
nnanccngcn	cggnccagtn	cgcagagcna	ngcccgcgaa	gaaaaccgcn	ngcgngngcg	480
cccacngggc	acnacgccag	cncnccnngc	ntagnggnca	nacnnanccg	ngcgngngng	540
ncnnncannn	gacanangcg	caccacggcg	gcnaggccna	ggacgaanng	gcgacccngc	600
gagccnanga	nnanccggna	tngccanaac	cncaacggcn	ncngnnacgc	gnnacngggg	660
cnaatncaat	cgcnnnganan	gacacancag	nagcgccctg	nnncgcnnan	ncggnacact	720
cacacnncac	cngnggccct	caagngagcc	gccantngcg	ngnnncaaag	cangcanngg	780
accatanngg	naacaggcac	aanggcantc	gcacnanggc	nnccngggann	caccccnata	840
gcnacggggg	agcangaacc	aagggcgngn	cccgctccna	nggcnnaaag	cggncaggct	900
gcacnggncg	gncncannaa	gacggnacnn	nnngnccacc	ggaggggacc	accgcncnc	960
acnggggggn	ncnanggnen	ccacagggna	cngnncgcn	nncccnagn	cccncanggg	1020
nacccgnaan	ggnaaggcnt	gggggccccg				1050

<210> 4379

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4379

tntcaatnct	nggctctcgt	tcttttgcag	gateccctcg	ttcgaattcg	gcacgaggta	60
ttcagcttgg	ctggagcaga	ggcaggagtg	gggaactggg	gacnggtgan	actagaggtt	120
ggcngaaacc	agccatagta	gtttttgcct	catttgagca	acaaggagcc	atccaagaga	180

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gagcgggtgaa gctgatgggtg acacagccat ggcgcatatga aataccccca gtggctgtgt      240
tgtaggggtat attgggttgg ggagggacaa ggtcaggagg catagactcg acatcatctg      300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaag      360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaa      420
ggtaaggagt aagagaagat tcgagattga ctcccagact ctccagtctg ctggacatgg      480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tgttgagcat      540
ggatagcctg cgntcccca gagaangagt tccagctgnc ttgtaataag ccaangcnna      600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn      660
ttanttaann anttcccccc cctanatnnt tccttnggnt ttaaanctng naaacttntn      720
tttacnnttt c                                     731

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<210> 4380

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4380

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tntcaatnct nggctctcgt tcttttgcag gatccctcga ttcgaattcg gcacgaggta      60
ttcagcttgg ctggagcaga ggcaggagtg gggaaactggg gacnggtgan actagaggtt      120
ggcngaaacc agccatagta gtttttgcct catttggaca acaaggagcc atccaagaga      180
gagcgggtgaa gctgatgggtg acacagccat ggcgcatatga aataccccca gtggctgtgt      240
tgtaggggtat attgggttgg ggagggacaa ggtcaggagg catagactcg acatcatctg      300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaag      360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaa      420
ggtaaggagt aagagaagat tcgagattga ctcccagact ctccagtctg ctggacatgg      480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tgttgagcat      540
ggatagcctg cgntcccca gagaangagt tccagctgnc ttgtaataag ccaangcnna      600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn      660
ttanttaann anttcccccc cctanatnnt tccttnggnt ttaaanctng naaacttntn      720
tttacnnttt c                                     731

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<210> 4381

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4381

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cnttcttnan nnnatnttctg aagnnncnnn nnnctntntna gttnnncnnnn ntecngttct      60
aatgcttggc tancnnggcg ctcnacgcen ctttcaaacc nagctctngn tcttttgcag      120
gncccatcgn tcgaatcggc acgaggctgn ttcctcaaga aaatgaagag ggnaggatgg      180
ctcagggaaa gttnatcaga gggnaaatgt cactctgtaa agagtaaaaa atttaggatg      240
atgatncnga tctgggaaaa aaaggcatag tgaagaccac ttaaaaacaa acaataaaac      300
ctatgaaggt gcatgctatt tcccanagc taaaaagata agtgaaattg tgttttgaac      360
tcttaagtgg aggtgaagca caatttatta gccaccaacc acataagtga ttatgaagta      420
actgagaaac aggtnacatt ttttccaca tggacaaaac tttctcttct tagaatatta      480
agtatctatg atnagaaatg aagtagcatc tcaagcagtt tataaatcta ccagaatatt      540

```

agaatcacct	gggacctttg	aacgtactca	tgcccnatng	netacctnta	ttcatttntt	600
tttttcgtaa	gatatgggg	acttcaactt	cnggncttaa	aangatccnt	cccacctccg	660
gccctcctaa	aagttgttag	ggattntcaa	ggccntgagc	ccnctgtgg	gcncgtgcct	720
tctnatggtc	ntgcttttng	acccaattta	natnnaatca	tcttgngngg	ttggnnccnc	780
tgggcctnta	aagnatnttt	taaaaanttn	tccnaanggg	gncnactnaa	tttcttatcc	840
tatcgatttg	tnnanccnc	nggcctaata	ccttgnnnat	ctctttncct		890

<210> 4382

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4382

gggggtanga	nccctttgan	accnattgct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggaagg	atccagcatt	cggaggcaaa	catgaagctc	catcctctcc	120
aatttcgggg	caaccatgtg	gagatgatca	aaatgcttca	ccttcaaaac	tctcaaaggg	180
aagagttaat	acagagtatg	gacgtgttag	atcgagaaat	tgcaaaagta	gaacagcaga	240
tccttaaact	gaaaaagaaa	caacaacagc	ttgaagaaga	ggcagctaaa	cctcctgagc	300
ctgagaagcc	cgtgtcccc	cctcctgtgg	agcagaaaca	ccgcagtatt	gtccaaatta	360
tttatgatga	gaatcggaag	aaagcagaag	aagctcataa	aatttttgaa	ggtcttgagg	420
aaaagttgaa	ctgccactgt	ataaccagcc	atcagatacc	aaggtgtcca	tgagaacatc	480
aagacaaacc	aggtgatgag	gaaaaaactc	attttatatt	ttaaaagaag	gaaatcatgc	540
cagaaaacaa	agggaaacca	aaaaatctgg	ccaccgttat	tgatcagctc	atgggangca	600
ttgggaagaa	aaaaagtggg	ncagaanttg	aaaaataatc	cttcnggagg	gaaaagctta	660
aaggaaagcc	aaaancaagg	gggaatttct	tttgnaaaag	ccagtttttc	cagaaaantt	720
cggaaaaacc	nanggaggaa	ccagccangg	aaaaagattt	ttcancccca	aatttggggc	780
cannaangg						789

<210> 4383

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1266)

<223> n = A,T,C or G

<400> 4383

angntttncn	cccctttttt	tntgaaaaac	ccccctttt	cgnanaactn	ccccngtctn	60
cctgatnntn	gcgangannt	acgcccatat	gggattttctg	taattnnngg	cctaccggca	120
gnagangatt	atngntatag	naaaantttg	tggtattgtg	tctcntgtca	tccgncgtggc	180
ncannnatct	gtnganaanc	ncnnnnntnt	tgggttacat	nccanntctn	agttnaacgc	240
tgtaaatcnt	ngagatnncg	tgngnacgac	ancngcctct	ntcatggctc	nnatnacttc	300
naccanaana	tagtatangn	ngcnnntttg	agcagncccc	cnatcntncn	acgacnante	360
gctaanangc	ttctacgatt	cnntttttgt	nnnactngtn	cctttannat	ccttnncnnn	420
taangccnan	ttgtngnana	ctancgcact	ntgcaaaatn	gntantnttt	ctaactttna	480
taaaatgnna	gtgcnaatac	ngntttcann	nttanmmnat	anaaaaagga	antngantcn	540
tgtntctncc	cctttcangt	anangnncnc	ctagnnngat	tcnntnngtn	anntattctt	600
atanccgng	gtagaaangc	ctactttgtg	ngtannattt	ctcttctatt	natnnngttc	660
ctctgttnta	cntnnntgaa	ncnntttagn	angaaggacn	gnanaaacan	naccnacngc	720

nnnaggntnt	tnnnngcntan	aatanngant	acttctnang	nccnnttcac	tttctnatagn	780
aaccctccgt	ntgtgagncc	tttctanttc	tnatacnaat	actctttnga	tnccgccacan	840
ttntnnntan	ntntnnnnntt	tnntnagtnn	atgttnnncc	agcannttct	cnntnccttt	900
ctnnnacnaa	ntntgnaaan	nncttttctt	nnnnacntag	tngnannnat	caancctnt	960
ncnctgtgcg	tcntnanata	ttncnnntct	tantcnnncn	ncntanatcg	nggcntanat	1020
accnactnan	ntataatatg	ngnnctngtc	gntnatttnc	aggcattctc	tgngntncnt	1080
ntcttatcnc	cntcgtntcg	tgtnccnngct	agnntanta	ntancgtnan	ncatntcagt	1140
atacnntctn	tcntgtgngn	gcatacncta	nnaatntact	gntnctcacn	ngcntgacnt	1200
acgntangan	tnngaanggag	tgcccgnnnn	tgcnatnta	tctcncgcac	ctntaccnac	1260
tnntcn						1266

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

aggggtnnnn	nnnnnnntttt	gaaaggcggt	nnnannnnntt	nnnaatatna	gctacttggt	60
ctttttgcag	gateccatcg	attcgaattc	nnccnccgagc	gggncgnang	nagccatggt	120
gcccagccgn	aatggcatgg	ncttgaancc	ccacttccac	agngnctngc	agcngcncnt	180
ggcnncttgg	ctcaacnagt	cgntcctgga	agaatccgna	nacgtatggg	cnggacaagt	240
cnaggcgcac	cgcattgatt	gacacgccnn	ntgtcgggat	cccatgnggg	tcattttgcn	300
catgncncan	ggttcgtgct	nacacanagg	tgctcagccg	agcnnnggat	tagnctggag	360
gagcttaggg	tgnccggnnt	tcacannann	gtggctccggn	ccattgncnt	ttgtgtngat	420
nngnagaggc	anacangnc	cannngnttc	ctgcatgcca	acgtgcagcg	gntgaaagan	480
tcgattcan	actgatnctc	ttcncncga	agnnttcngt	ncctanaacg	gagacanttn	540
tgnttaaaga	actgatactt	gtcanncngc	tggaccggan	cgnttatgcn	cttctctgga	600
cgtnttnnnn	aagganaaaa	ctntaattaa	tactttggga	anagaanaat	ttnanagcct	660
tcnatangtt	tcganttggt	ccgtgccaan	nggcccgggt	tttttnacct	nactnnccaa	720
nanganccca	agggaagccc	ttncacang	gatngtnaaa	agaanaanat	taancncnt	780
ncntg						785

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

nnnnnnncann	annnnnnnnna	ngnnnnncnna	ccannnnnnn	cnacnnagng	nncccgcctcc	60
aaagccggca	anncccgcn	cngcnnnnntc	aaacnttgca	ngccggcacnn	gnngnncccn	120
acgangcgcc	agcgcgcgng	anacngngct	gccaagaaan	gngngcncan	agncggcct	180
ngagaacagn	acagngganc	gtcanaagca	gngggangac	agacgacnga	ngaaacntag	240
agcccagggn	nagcnggacg	acggaccagn	tcccaaaggc	nggngcccaa	agcngacnag	300
ntnnaggaag	aaanacngng	gacacaaccg	gagacanccg	annaggagcn	gacnganntg	360
gacccanang	gcaagaagca	ccnaaacang	ncacccacca	nacgaccggg	gaaggcacga	420
acggtcngag	cacgagnaaa	acnggaacna	ancaacgcgc	acacanngng	aganagaaac	480

accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncaagann	540
cggcanngaa	cccnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaannga	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacangggcaa	660
aagnaaacgg	gcaaagggca	ancncnaagg	nnaagcccn	naacgcgcan	ngggagcaaaa	720
angnnccaag	ngaggancna	aagangggga	aaggggccca	cnaagngggc	ggnnaanngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	ccnggcncna	840
agggccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggncccat	900
cgngannaca	naaggngaac	cgnccaaggg	ggcanaaagg	aaaggccatn	nnaangnaaaa	960
agagccg						967

<210> 4386

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1118)

<223> n = A,T,C or G

<400> 4386

tnggctttta	atncccttttc	nattccaatg	cttggnnact	ttcaacacga	tcccatcgat	60
tccgaattcc	gggcacgaag	caggagctgt	gatctgcccc	cagggtattct	gacccccaaa	120
ctggctctca	acccatgttt	acatggatgg	aaaanggaan	aggggtgactg	gtngtatcaa	180
gctcttaaag	ggccttactt	ttgggtggaa	aatggggacc	ctaaaaattt	ganttggctt	240
acttggantt	nccttnctgg	tcaattactg	gaaaaatttg	ggcaccttca	nttaanttta	300
aatncttttt	ggaaactttt	taccattaaa	ccttggnncc	tttaaanmmt	anntatttng	360
nccaattgna	ngaaantntt	atctcttnna	ttattcatta	aaaatantnt	tnccnnnagt	420
ctccnatctc	ttttgntaat	aagnncccg	gnatnctcaa	ntntacnata	tgtnnaagtn	480
ntnagtcttn	acanccagat	tntntnttn	anttataant	tgntnananc	gnttnannta	540
nnntatnngn	naacttcnta	ctggtccaan	gnntgtnga	atgttcanan	ttaactantg	600
nantntnga	aantacaact	nggtntanc	aaancntcgg	nanngtggn	canttatncn	660
nnngnanaat	gnnaaatggn	gnantcgcan	gnttccnang	nntctananc	cnnnaatctc	720
nangcgnann	canttcacnn	ncggttacct	ccnatnagtn	acctcncgna	ngntatatgn	780
agncatgntc	ttntgtttagc	aattgaannc	atcnnncnat	cnagantcca	natantaatc	840
ttncgntaa	ncncgcttna	nngacgentt	gntatcccn	tcnggatgtt	atatntacat	900
nnatacannn	tgnttganaa	aatacngtnc	ngntcnngga	naatctnagc	tggtntctac	960
agnatentan	cgtgnaatna	ccntanattg	tncccccncg	cggngtgtee	canantcgcc	1020
nntagagcgt	catntcnngn	nattngacgg	taatnctgat	atntntctc	acncagattn	1080
cnnctaataa	aagngnnta	ttttagataa	tgacnccg			1118

<210> 4387

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 4387

cgctttttta	gctncttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagac	60
tctggcacag	ccagagtcac	tgctctttca	agcagtcatt	catatcagcg	ggntgccatt	120
nctgntttgg	agcactagnn	naaaatagct	gcactatccg	gngcgnntat	ncnaagctgc	180
ncgcnngngg	cttgcnttct	tgngggngnt	ttntttgnaa	atntcaaaaag	tttctaattcc	240

tnatgccnct	ttttgggnaa	anncaagann	aagtcaatcc	tncccttggg	gatccngngt	300
tcccccnttca	atcacgattt	gtnggnnntc	acncgattta	tnntttacnan	gacacaggnt	360
tattgancng	ttangttntt	aacatctnng	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgccccctncn	ngnggngccc	tancgtngtg	ngnntnaatg	480
ccnnan						486

<210> 4388

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (842)

<223> n = A,T,C or G

<400> 4388

tnccctttng	aaatcncctt	ggatnttgc	ttcnaatnnc	tggtctcttgn	tctttgngca	60
ngaateccnc	acgagggann	gctgtcngan	antctgttnt	anacggnaan	nccctgaatt	120
nancatcnac	agtgcnnntc	ttngaancan	nnntnctaaa	ntcnntcatg	anatggaggt	180
gattaagatg	gcccttgctc	ntggatgnca	nacttnngnc	agaatnnacc	tactntgacc	240
ataggatact	ttntntgtg	ggtgtaaag	gttctnctnt	actaatcnga	nnnggannat	300
amnnatacaa	cnttntangg	gatccntann	canntnggaa	cagcngtnga	tgncnccttt	360
nggaggggat	tcatntnnca	ntcntgatna	aanntnccctn	attnttntnn	ctactgange	420
aacnnntgca	nnaagtgtat	gaanggtgcc	ccctgtncca	atgatnctgc	antgctgnat	480
ncagcccttt	ctgggagcac	cggccaagc	gttccggaat	tgattatccc	natcatttnt	540
ganntgtnac	tggaaaatnt	nngnctnatg	cantnaaaaa	tgtacttggc	ttgctttttt	600
ncaannngnt	atttncntct	ttgggaagta	ataaaaccga	ttcnaccctg	ngaaaccgtt	660
aaccaaatt	tcntggtatt	ttaaggncct	tttttccctg	tntganggtc	ggagtcnttg	720
gnnccnannt	atttttttgg	ggtttttgng	naagaatttc	ctaaaaantaa	anntttntnt	780
ctaccattt	ttnananata	aantganmta	anaaaaattt	cctgcccttt	tnaaaacttt	840
nt						842

<210> 4389

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (628)

<223> n = A,T,C or G

<400> 4389

nnnnntannn	nnctntnnnn	anntntanng	atnntntntt	cnnnnncnnat	nttannattn	60
nnannctcnn	nnnttantat	annagnnnnn	nnatntntnan	gantnnnnnn	nnnnnatnan	120
nanatnnnnn	nnncnnnnnn	nnnttttcat	ttngaaacn	cccttaccgt	gccgcnttng	180
ccagtatccc	atcgmnncgc	aacnaccctt	acnnaaaac	tntaaanaaa	ntggctagca	240
acgggtntnt	tcatncgggt	gtctcttnat	ntaagtttnc	taagttaaga	aaagctgggtg	300
acatattnat	acgtntttgt	gcaaaaaata	atgaatggca	ntagnaccta	aaaanatctn	360
tattatgtac	ttntgtgtga	aaaagtntgt	ataatanttc	cctnaaatat	gcattatttt	420
acttgtgagt	tnnttntctga	attaatctga	aatgtncaa	ccctggattn	gctacagagt	480
gagaagttat	ngctattngt	ttcttatttg	taatgcttgg	aaatgctgca	caaatcacga	540
agctcttacc	atgggttgaa	caaaaaaagg	ggaaatgggg	aggggaaaaag	ggtgggatag	600
cccagcatgc	ttgtntggta	tattccag				628

<210> 4390
 <211> 676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (676)
 <223> n = A,T,C or G

<400> 4390

atncttggct	cttgggtcttt	tgccaggatcc	ctcgattcga	attcggcacg	aggagttttt	60
tttttttttt	tttttttttc	atttttataa	aaatgtgttt	tattgtttta	aaacaagtct	120
ataaaaagtag	aaatcacatn	caaaaataca	gattactctg	acatgttggc	aaaatagctt	180
atggctggac	ttgagtttgg	aagttctgta	tgtttgaggg	catccgatgt	cagagtccaa	240
ccggatccta	accccagctc	ttgtcactaa	tagtaaagtt	tcaggtatta	tatcatagca	300
ccgactgagt	gataggtgtt	ggaggtagtt	gagctggaaa	aattcctgaa	agcagtcatt	360
ctttagcatg	acactatcac	ttaagtctag	atggacaaga	ttggggcatc	ttctaactaa	420
agtagagaga	tctgatttct	ggagattcct	tctgtagccc	gctaagattc	agctggggtg	480
atggtctctg	acacatgcgc	aacagcacct	gtcatgcttt	tcaagtggaa	tcaaacacca	540
ggagaggtca	ctatccagct	ggacagttgn	tnccaannnt	gcaggcaatc	aggaatccga	600
ccccaaaagg	taatcccta	attgagtttt	gcanagnttg	catggacca	aaccgagctt	660
cagcttaatn	tgactg					676

<210> 4391
 <211> 946
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (946)
 <223> n = A,T,C or G

<400> 4391

ttctaagtct	tggtctctcg	ncttctgcag	gatccctcgt	tcgaattcgg	cacgaggntg	60
tcacangnnn	nntgtntcca	caggcaccac	tngctangtc	tnacctgtgn	tgnetgttnc	120
aacncggggc	tangnangct	ngtattccac	ntggataact	aanccntgg	cataccgncc	180
ntgnacgtgg	naccngctnc	naggagatgc	aacnanacat	tctaagatgc	ttatgatcct	240
tacntgtatc	tttctntttg	gngattcttt	tanattggat	gttgcaatgg	agntgaatna	300
ncttnnnnnc	ngctctnnn	annnccnntt	nmatangnan	naactttncn	nnnnactaaa	360
tngnccactn	atactaagt	gcttagatgc	atatnttacc	ctcttnaagt	gntaaaaccc	420
tttagaatcc	naaggaccag	ngtcaancgc	aacanncttc	taggacctat	gcgaagctnt	480
gacttgance	ttgggggatc	ccntgngngt	tanctcngat	natgtttcgn	ggaccngcnt	540
ngacncatnt	anagtnttgc	nncattggna	ngnccctgtt	aaatccccaa	ntnggaaanc	600
cnnttagggg	ttttanangc	ttngngaacc	ccnnccccgg	gntctttgtt	gnccccgat	660
atnggggggn	aaaaccgggt	tcaaaaaaag	ntcnaacttt	gggggttnant	ttaaaatttt	720
nggggncctt	tttgangta	accctgngna	aggtgcatan	atattgggcc	gggaantttt	780
ttnggtgggg	ggccancctt	nggngggctn	ncatttanana	atggcttaaa	naaaanttta	840
accnccaann	antcnnatnn	ncnanaaaacn	ncnttcnngn	acaanaactcc	cttnnaaanc	900
nnccnnntcn	aatgggtcaaa	aantnttcaa	ggancnggnt	tanaan		946

<210> 4392
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (721)
 <223> n = A,T,C or G

<400> 4392

caaactcnntg	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggtt	60
ggcttgggtg	ggatgcaggt	tgctctcaag	gaggatctgg	atgccctcaa	ggaaaaat	120
cgaacaatgg	aatctaata	gaaaagctca	ttccaagaaa	tcccaaact	taatgaagaa	180
ctactcagca	agcaaaaaca	acttgagaag	attgaatctg	gagagatggg	tttgaacaaa	240
gtctggataa	acatcacaga	aatgaataag	cagatttctc	tggtgacttc	tgcatgtaac	300
cacctcaaag	ccaatgttaa	gtcagctgca	gacttgatta	gcctgcctac	cactgtagag	360
ggacttcaga	agagtgtagc	ttccattggc	aatacttta	acagcgtcca	tcttgctgtg	420
gaagcactac	agaaaactgt	ggatgaacac	aagaaaacga	tggaattctg	cagagtata	480
tgaatcanca	cttctttgaa	ggagacttct	gggaagcaac	ccngatcatt	tccgcacctt	540
nagccncatt	tagaactttg	acnattaaaa	ccccagtg	gaaatttgaa	ccagatgggt	600
gatananctg	ccacttttga	aaagacaagt	ctttgggtca	antcncanc	ngaccngntn	660
ccgtaaaaat	ccaaagcttt	nnggaaagaa	gaattnttnn	aaattcttag	ggnttccaac	720
C						721

<210> 4393
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1102)
 <223> n = A,T,C or G

<400> 4393

gggggggngn	nngggggng	nnggnncngg	ggggncngga	gggggnnnnn	gggcaggngg	60
agggtnaanc	cggtnnngnc	nnngnncnnc	ctagngaacc	cttggaaann	cccgnagcag	120
gnccaacgaa	gcgaaggcgg	cacgagaagn	ggaccaacgg	gccancnggc	nnggtntntg	180
gggccaaagac	gggggancnc	cncnnggcng	gggggggnaa	ggaggggcgn	nccngggggg	240
nagggnaaaa	aaancncncg	agngggnaaa	gggannnggg	ggnanggggg	ncnggggaac	300
cnnagaggaa	ganaaggggg	gcgggcnana	nggggnngan	aggggnnagg	gggggnncng	360
nncgcncggg	annngnnnn	ngaggagacg	cccngggggg	naggggaaag	cagaaggggg	420
nngcngnnca	ngggggganc	angggggnga	cncgccggang	ggccngggag	gggcgnaaaa	480
cngnggggcc	ccngggnggn	ccngggggag	nngagancgg	aagnggan	nncagnaagg	540
aggngngnnc	gngngggggg	ggnnnaaagn	ncaggagacc	cngnnngnna	ggnngccnng	600
ggggccnggg	ggnanaggcc	gacnagnngg	gggncangng	nngggggng	gngcgnnnnn	660
gngcaggngg	cgangcangg	gngacggng	ggaggcacgn	ggngnangg	ggggcgaggc	720
ngngngggag	ngncgcgagg	nnganngggg	ggggggngaa	ggngncggg	ggnancnggg	780
ggngnggggn	nagggngggg	ngcgnngggg	cggcggnag	gnggnngn	ggggaggggg	840
ggannggggc	gggagngn	ccgnnnngcg	ganngnnan	gngcgggang	gngcgcagg	900
cngnggggn	cgcgggnggn	ngnggganng	ggngagngg	gcgnnggggc	ggancgggg	960
gcngggagang	aggagngn	ngnnnggggn	ggcgggnggn	gcngagagg	nggncacana	1020
ancgcggng	gngngngcgg	gccgggggga	nagngggggg	aggnagnngn	ggangcgcga	1080
ggngngggng	ggagggngn	cg				1102

<210> 4394
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4394

cnacangnga	cnngnnntgg	nactcgctct	ttcccnggca	tccttgnaga	canagatgnn	60
naaggggaag	angntngaaa	accaggntaa	aantttttan	gagaaaggca	gaggatgctc	120
aagggnaann	aganggaaat	nnagntnacc	ncnntnncgg	nantggncnn	tatgnnnaan	180
ncnncgnata	annngntctn	tntgnngaag	acagatccca	gccttggatg	gcttgatagn	240
cgatggatgg	aaancgatnn	gggncatttt	aaanaggcct	nnangttaca	ttcnnagnat	300
atnmntaaga	gatagngnat	ncaaactntg	atgaangtgg	tgatgcagga	ctgaagcatg	360
gtccactaca	atgaancctt	nttccnntng	gncaanggna	tggnatgatga	tcccatcnca	420
gaggatgntn	ctgnaccaga	ggngcctccc	attntcgctn	cnaactgccc	taactanccc	480
atantgagnt	aacatgtccc	ttcatnttgt	tacgtctatn	nagacaaatg	ctttntcttt	540
nncttgcttg	accnatactt	gncttnccnt	tcagntaant	nnagaacaca	ttnttancnn	600
tcnntggcca	tannggttct	aacttnaaac	cattttacct	nttaaatttt	gtgattatag	660
tnngtggnnn	tncntaagg	naanaagatt	gcctttcaac	ttttgngagg	ggaatttcgn	720
gnttgngtaa	antnatcttg	tccaaatctt	ttgaattttt	an		762

<210> 4395
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (578)
 <223> n = A,T,C or G

<400> 4395

gcncgncgaa	nnannacng	nnanngcccg	gnngaannan	gcncnnngan	nnccgaaann	60
aagangnnnn	nnannnnnn	nnnnnnnnnn	nnnnnaaacct	tgaaanccgc	cgnnngnnng	120
ncnctcggt	tcgcanaana	cacaangggg	aggaaggggn	gncaanncgg	gttgggggtg	180
aaggggaaaa	ggacacgaac	nnnggntaan	ggagcaaga	nttacacggg	cganggganc	240
cgagccngtc	ccctttggag	annatcccn	anaaaanatan	ganagnggnc	nggngggng	300
nnacaggaca	cgaccgcgg	naancnngga	antggccttn	ngccgggaan	tccagaacta	360
anggggggnc	aangcaggga	gnnnacaang	ncgnnnngang	nggcagnnna	gccagagana	420
nntgacagaa	gagncngggc	ngtgcgggca	nccngnagaa	aannngccan	anccaggagg	480
cccgnacntg	gnngaacc	cgnaaccn	ggagncaga	ggnganagga	acacnggggn	540
gnnggancag	gagggcnnga	gggnnacaag	gnanagcn			578

<210> 4396
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (898)
 <223> n = A,T,C or G

<400> 4396

tnncctttct	aatgccttgg	atagttgctt	ncnatngctg	gctacttgnt	cttntgtagg	60
atcccngncn	ngatnnttat	gactgnnccn	ntnnnggcng	atcntttgcn	ngnttacnct	120
ngtanaccng	tngcngcggn	cgnnngaagn	cgtcctggga	ancagataan	acngctgcnn	180

ggctnggagt	gnncacccgg	tacacantnt	ttattttannn	ggccanctnc	cactgatgaa	240
catatantcn	gagtgcactgc	tgaaatagcc	tttttggatt	gaacgcccac	gacagtncat	300
tangtntenc	ttntatcatg	ctttctntac	tggnatgagc	ttcactgaac	ggcgtgaaaa	360
acttggaana	tnnatnggac	atgctgtaan	atnggacata	nattttttata	cggaaaaactt	420
naagtgcnc	cagttgaaag	ccataatggc	atcccataga	gaggctnttt	tgaacttttg	480
gatgctttat	tgnnccaaag	aaagatncag	atttacctga	aancttgtgg	gtttnggaca	540
cettntntgt	ttntaagcct	nntgaacaan	tttttaanac	ntttgacntt	tttnaaaaaac	600
nttgncttac	cnagnggtna	cnanngaana	atggccnttc	angggaaatt	tctccnggg	660
tttcccnngg	aaaaaanant	tncnnnccag	ggtttttttg	aggggattcc	aaagtntttt	720
ntaanancng	gggggtttnc	naaaaaaaat	gggggcnnca	atnggnnttt	aganggggaa	780
caaaacnnt	cnnaagccct	tttnntcnaa	ntntcnncct	ttngtaaaan	gncttccana	840
ttattttctt	tnnctanggg	ttttcttttt	ttgnaaaana	aaaatannc	ttttttnt	898

<210> 4397

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4397

gettaccct	ttctattnct	tggtatgctct	tnctattgtgc	angatccan	cnntcnaatt	60
cggcagcgc	agagctgtga	tctgccccca	tgtattctga	ccccaaaact	ggctctcaac	120
catgttnaca	tgatgaaaag	aagaggtgac	tgttgtatca	gctctaaagg	cctcactttt	180
ggtgaaatgg	gacctaaatt	ngatngenta	cttnattnct	tgngtctnat	actganntng	240
gcactttata	attnaatac	tattgaactt	tcaccatanc	cctgtcttat	aaagttgact	300
tgcaaatgan	gaaactctat	ctcttcaata	ttatgnacta	tatccaagag	tcacaactag	360
tgagaaaagg	acangntcta	actaccaatg	ngaggctgtg	tcttcacacc	aattcaacag	420
agtatcttgt	aaatgntgag	aggagaggta	ctttaagtca	tggtgtctta	tcatangtgc	480
tnacaaaaac	nnnttgacaa	ctgattgggc	cttgagggtat	gaatggantt	agccaggcna	540
ttnaattcga	aatncgaagc	ttcaangaca	gatttantaa	cnctttgnga	gnagttgaaa	600
tgagcaaga	tgttacgaca	anttgntact	gnnccatggg	aattttacca	aagttgtgna	660
attgnagnna	antgctnatg	gaaaccttga	aaggatntng	ctttgnggcn	cacgcttgaa	720
cnaangnctt	cggantgcnt	annaaaaagc	ccnaatgcnn	ntccancnn		769

<210> 4398

<211> 1466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1466)

<223> n = A,T,C or G

<400> 4398

cnntcnaatt	nanntanntn	nnancantta	cactncancc	nectataatna	atacatateg	60
ggggatntta	tctcncctcc	antancnttn	tactnctccc	cattatntct	nttcnccata	120
catattctnn	taanctnnat	ntanatcttc	aantataata	ncnacccaat	ctatnactac	180
nnntacttna	antctccact	nttncgnent	nccannccnn	tnatattatn	ccnattnaat	240
cttnnccncc	nttanacctc	ttcntttacn	ttaaactcat	anctcattnt	naanannatc	300
ntcnttctna	tctcaaaten	nttcnnnaac	ttcattttcta	tttnnatact	tttcnccnata	360
ancttcantt	atnaatcaan	atnnnctttt	tnntanctcn	tnatntntnn	cattntcctn	420

ccantantan	ctntnttaan	acattncnt	ntctatcacn	nctnaaccta	tntantnta	480
cntntatct	ctnctntctn	tctactcac	tatacnetca	ncatatactc	tacnanatat	540
acattatctt	cntnccatct	cacattnatc	tatntctcac	nnnaatatnt	tncacctcca	600
ctntctantc	tatttanctn	tcantncttc	tccctctctt	ntntcttann	tccttnccat	660
ntctctcann	ctnctntca	tatgatcact	ntgnggttct	atctcntatn	canactcaca	720
togatttact	nacmntanan	accctantnc	tatatactat	ntaatnntca	tcataatntcc	780
aatattnta	aaccnncaat	tactcccact	antatntnt	cctactttaa	naatgactng	840
gtaatcatna	cttaatactn	ttttctcatn	accatnttac	cnntactnt	nactctcttt	900
atcatcatnt	ncnttanatt	tcantcatac	ttngtaattn	tttntttcnc	antatatnaa	960
nttatcnaat	tttaccgtct	acacatacnt	cattatcatc	tatctctcac	tatacttncn	1020
tactnatntc	ttatctatcn	atnctatctc	tntnnacatc	nctnncnna	tntcacctcc	1080
nttccctcac	natanaactt	ntatcttaca	tctctatata	tacnccact	catttatcaa	1140
ctctntcana	acannnnntnn	tnntntantc	tannannccn	tatttnatac	ntanacatag	1200
actntcacnn	aatntctct	tatcactntn	tatannatac	actntttcta	tacntacttn	1260
nttctncata	tntatcncta	natnnnttct	cantanttnn	tntcnccnat	tnnaaanant	1320
tacagcancn	aaataaatnt	ttattnttct	acctntntna	tcttgtnccct	tccttnanaa	1380
tttaattnnc	tnnctnctct	tnaaactnca	cccntatcac	cctntcttcc	ccatnnntna	1440
tcattacaat	cattnnacta	actanc				1466

<210> 4399

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4399

gnttaatgcc	tttctnattgc	ttggctctcg	atcttttctgc	aggatcccat	cgattcgggtc	60
ctacccaaac	ctgtggccgc	cacttttgaa	ttctcagatt	gccctgaatt	ttgccacttt	120
taaataatgt	gctgaataag	ctcagcaact	aaaaaccatt	acccaagaac	gtttcttggtg	180
agtgaactga	tttattctga	ttcattatat	tctttttggt	agattttata	ccccttgggg	240
aaataataca	acaaaaacat	ctcttaaaaa	tgctgggatg	gggccatata	tactagcaga	300
ggccagatgg	tcagatatga	tttctgcaaa	cccatcttga	ccttgagtat	gtgaagggtg	360
actgtacttt	attcctgata	catttttggtt	tccatgtagg	tggtgagctc	ctggntttct	420
gtgtttggat	gatgaagatt	tggacccttc	cattcataat	ccctttctaa	gtgaagggtg	480
aggctggctt	ggctgntcct	tgntattccg	aaagccctgg	tttggggccc	atgttcacac	540
tggctctcag	tctagtcagg	tgcaatgttc	ttgagagggtg	gggacctaat	tattaccaga	600
gtagcancaa	gagaggaaac	gttgtgaatt	aagtattcaa	ttnaaaaagg	aacatgattt	660
ctacctgaaa	aaangnanan	gnncctnnct	tgattanctt	cntaatcctt	nnnnatnnna	720
ncnntcctna	annantttta	t				741

<210> 4400

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4400

tnnnttcngt	tnactcggtt	ganttcctat	acaagctact	tgttcttttt	gcaggatccc	60
------------	------------	------------	------------	------------	------------	----

```

atcgattcga attcggcacg aggcctgatt gaggaagaga acatgctggc accatctctg 120
aagcagtttt ncctacgagt ggagatttgc catcctacat tccagtgagg gttgctgaaa 180
aaatcctatt tgttggagaa tctgccagat gtttgagaat caaaatgtga acctgactag 240
aaaaggatcc attttgaaaa accaggaaga cacttttctg gcagagctgc acccgctctca 300
aacagcagcc actcttcaac ttggtggact ttgaacaggt ggtgggatcg cattcgcagc 360
actgtggctg agcatctctg gaagttgatg gtagaaaagaa tccgatttac tgggtcagct 420
gaagatcatt aaagactttt accttctggg acgtggagaa ctgttcaggc cttcattgac 480
acaactcaca catgttgaaa acaccaccca ctgcagtaac tgagcatgat gtgaatgtgg 540
cctttcaaca gtcagcacac aaggtattgc tagatgatga caaccttctc ctctgttgca 600
ctttgacaat cgagntncac cggaaaangga gcacaaaagat gctnctcang caagaanaag 660
ggccttctcg ggaaacttct tncctcgagg aagccctctg antcttggct gggcagccct 720
angtcttttc ttacaaaagt acaagtgggc ccccnccnt ttttanct 768

```

<210> 4401

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4401

```

tttcatnntt tacaagctac ttgtnccaag atcccatcga ttcgaattcg gcacgaggct 60
agaagttcaa cgggagacnn attatnncca tngnanactt ncggaacctc gggttctgag 120
tngtctctc ctcaactgcn cgggtgagcc ttannccctg gnttgtgcna naannanacc 180
tnngtttant nngntncncc nnnnnctct taaanncnta nnnntnnag ngctntaaan 240
cccangtgag ctnatnaanc aanaattgga gcgnattgca tcccngacta gngcggatga 300
actntntaca gatgaccnat catncttctc tgagccaang ngganaacnc tgccgctata 360
gacnttgcn atnactcnm nttgacatna gannatnnnc taacnntnca aanattncta 420
ggcnntccgn ttctcangnn ttatntttaa canctgnttc atg 463

```

<210> 4402

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4402

```

aaacatcttg aaccggttg antnctata caaactnctg gatgnttgng cnggatccca 60
tcganncnna tncggcncga gggcatagtc agacntgtg tnaaaaataa tnatnatnan 120
nnaaccagtg gtggggtgat tcctttngat tactattatn ttgttctcag aacaattgat 180
ttnantttta tagactttct agcccttata taataatnct gagtnctcng ccnncataa 240
aaanctggaa aannnctgat cnagaaanaa nnggtactac tntgangaat ntttangact 300
atnatactga gtncaatatg naacacaatt cngcgtnnct ncctnngatg anncntaaaa 360
tatttgaaaa tttgattgna tnaaanagca tnttggatac cnggaganac tnatgntcnn 420
gacattanga catnctgtnt gnnngangct cccgtcnna ggaagccant ntccnnaan 480
actaccttgn taatataacc ggganccggc tttngnacct gccattntat tgatnanatt 540
naatgttnat atncnggaaa aaannggctc atgccgtgaa atgtggggtg catnacaagg 600
gaaaagtttt ctggngcgg atnacttctg gnnanaactc angttctnnc ggactnngat 660
ntaatnctc ccttttgcta ggtttcctcc cagganncng nttcnaaagg cgaatcaaat 720

```

gccngccaac atttcaaatt ttnaaganng gggnnccnncn aaaaaaaaaa aat

773

<210> 4403

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4403

ttcnantctt	ttctaaatnn	cnggtcttgn	tctttctgca	ggatcccatg	cgattcgtgc	60
tattgtaata	ataacaataa	agagaaatta	gaagtgggnn	tcagggtaga	aaaaaatgca	120
aaggccttgg	tcctaggag	accaacactc	cagctgagct	ggccttagcc	ccagccccctt	180
ctaatttctc	tttattgnta	ttattattat	tttctctgct	attgtaatat	ttttttgtta	240
attaaatgtt	ttgggtcaaaa	aaaaaaaaaa	aaaaanaaaa	aaaaaaaaaac	tcgagcctct	300
anaactntag	tgagtcgtat	taccgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgngatgct	420
attgctttat	ttgtaaccat	tataagctgc	antaaacaag	ttaacancaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggagggtg	tgggagggtt	tttaattccc	ggcccgcggc	540
gccaatgcat	tggggcccggn	cccacctttt	gttcccttta	gtgaggggtt	aaattccccc	600
cttggcgtaa	tcatggtcac	tagctgttnc	ctgngggaaa	ttgnttttcc	ngtnacaatt	660
ccacacaacn	taccaacccg	ggagcataaa	ngtgtaaana	ccctgggggg	cctaatagaag	720
tggancttac	ttccnattaa	ttnncggtgc	gcctcctggc	ccnnttnena	gtcggga	777

<210> 4404

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4404

ccnnaactttn	cnattangtg	nagccctcgc	ccananaanat	tggcntgggc	tnaacgnana	60
ttatcttctn	acnnatann	gtgtgcctat	tttttcataa	ttcttnanncn	nangncttnt	120
tntaantgtt	ccgctagncc	anannntgcy	ctaacanatc	agggcgccac	tggtgncgga	180
tnacnaactgc	nattngngcn	ctntnncatt	ncnnaattgc	gcntntnaaa	tcngatcggn	240
tcacatgaan	atnanaacgt	atatnatnnn	cnaacttgag	atcttcnttc	acgggnnctc	300
tnnnacngct	tnatgactcn	tggtnacagc	nccacggntc	atcangcccc	cannгааatg	360
ngactantcn	cntggancnn	nntgnaacac	ctgnccttca	cangtnactg	atnaaggctn	420
anctgntcan	gacanncntt	aancccttncn	gcttcngtnc	tggaaccaga	aggantnttn	480
nnaaanggnt	cgatnacncc	ctantagtct	tacctactgc	anccatcact	ggaancatgc	540
taatanggct	atgtgggtcag	tgtaancntn	atcaatngaa	acnccnncnn	annntnnccn	600
ntnancctaa	cctaaatant	cnncttttta	aataantnca	cnncaatggt	nnaaactanc	660
ctannaatng	gcngttcccc	tngaattgct	ccttctcnaa	gcntgcacac	nttctntnng	720
nancccnann	ntttaccctn	tcgmnatccn	cntgggcntt	ncctttattn	atccacctat	780
nggcttcccc	aaagaacntn	ctnnngnnnca	atcatccttg	ggannacttc	ctccnttngg	840
nnaataacgg	cgcaaaaantt	nct				863

<210> 4405

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (424)

<223> n = A,T,C or G

<400> 4405

ccntcgaatt	cnnncgagga	gaaaagctnt	cangttanct	gtttggctta	taagggaaac	60
ctgcagtcct	ttctgaaagg	ggagctgtga	atatgactgc	tttgtagaaa	gatgtccttag	120
gattctgggt	gaaaaattttt	aattccccctc	atgtaggaat	gtcacagagt	gtaccttttt	180
gacttagtat	tttctagta	aaatacacct	ttcttaagaa	aatggctaca	aagtcagatg	240
catgtaaatg	ctttcagcaa	gggtttattg	atcatctgct	ttaggctggg	ctctatgtta	300
gggtgcctgtg	gattccattn	tagtacctgt	gttctcatag	aattgaatcc	tgntccccca	360
tatgactttt	gatgatattc	acactgttaa	ttccaataaa	gacagagtag	acaaacagaa	420
actg						424

<210> 4406

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 4406

gnntcaatgc	tnntctctng	ttctttntgc	aggatttcat	nnnctcgnat	tcggcacgag	60
agaaaaacaa	cagagagaaa	aagaatcctg	agaatatgta	gaagctttac	gagcccaaat	120
ccaggagaaa	atgcagctgt	ataatattac	tttacctcca	ctatgctgtt	gtggtcctga	180
tttttgggat	gctcatcctg	atacctgtgc	caacaactgt	atcttctata	aaaaccacag	240
agcatatact	cgggcactac	attcattcat	caattcctgt	gatgtccctg	ggggtaattc	300
aactcttcga	gtcgcaattc	ataattttgc	ttctgcacac	aggcggactt	tgaaaaatct	360
ataataagaa	tctgaaatta	actggttagta	ttttggcttt	tacttaaaat	catccctgag	420
agagtattta	agaaaagctg	ttcaagttat	aaaatatata	atctggaaaag	aaataactgnc	480
tcatataata	attagattgg	aatcattggg	ttaatctctg	tctgggaacc	aagattgaaa	540
gctgacttac	ttctctcttc	tgncctgtga	accataccgg	agcctattat	ttttaaaata	600
tgatcagaca	agtaaggctt	ctcttacttt	tgctctgctc	tggatcagga	agancctcat	660
gggtgaagtct	ttgagantct	cttattaatc	atctttctta	aactgngttt	ttgagcctga	720
cagtactgaa	aangctggg					739

<210> 4407

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4407

cntcagcggc	cntgnatcca	aagntggggg	cgngcgnacg	anctgcgagc	ctgccttacg	60
aggccgcaag	ccctttttgc	caccctcggn	gncnggncgt	tccggccggt	ttggnggcat	120

canccgnccg	ncatggcagt	gaacgnceng	caggcnccag	ccacngcctg	gggctanaga	180
ttaaattgac	nncccnagac	cgggcattat	caggagnngc	tangannctt	netgcatnct	240
cggnaaacta	gcataagcca	aagactcgcc	atgcagaant	attagcanat	agctgcgctc	300
gataaaggaa	ngaggagnta	aanaatnaac	tagtgaaaac	aagggagatg	gtggctttat	360
cgtgggttag	agctntngan	ctatgatgtc	atcggtctaga	tactatgtga	aatatcttac	420
tacnmttann	catgcnaatn	agantgagna	agnctnngac	caagccccct	ttaatgagnn	480
caagaaaaac	tcttggtctg	tagaggaaa	nnaatcnagc	tanaactcgg	tgacgaata	540
tgngntcata	tccaggcaaa	cggggagnnt	gttgtaaacy	gtcaggacca	atggnaaccc	600
cttttnncct	ctgggggcct	tnngttggcc	aagggaaacy	aattaaggaa	ccttaaacy	660
nnantagnnc	cncaatttc	cggncctatg	gaaannccaa	ttgncngga	ntgnccccc	720
tnngnccttg	cctcncccca	aaagggggtt	tgncaccaa	ngtngnttg	ggaaaacaat	780
tccg						784

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1327)

<223> n = A,T,C or G

<400> 4408

gnnnngttnc	tnctcttnaa	accnttgctc	tngttctttt	tgcaggcatc	ccategatcc	60
gaattcggca	cgaggggenc	tgtctgcttg	cngcntgnan	acgatnngtt	tgatentctn	120
tnaactannn	acttncnnng	ttngncttat	tgcagttntc	atcnaacget	aacantgtng	180
tctctatnan	natnttatga	agnacatata	tacgtttnat	gancantntn	tgctanaann	240
ggncanancc	tatgtcgtgn	gcnttntttg	ncaattnnan	aanangagct	nanggatcna	300
ncgatgtgaa	agnacagctn	tactctgaan	acatgctent	cnnnntngna	tgctcnnnta	360
cntancnaac	gaaatattcc	nntaaagacc	nganntnata	tggacataca	agaanngtnc	420
ttcaaaaagg	tcctttantn	nanagtnttt	ncncnggttt	gactaccttg	tagntaatcc	480
actaggaatt	cttggttaac	gaaatccaac	ttncgctcnn	ggaactcgtt	gngntcnant	540
antnataaag	tggnngngnn	gaaancctgg	nantaaangn	naaccctggg	cattggtnng	600
acccattgng	aattnacttt	tatcccaagt	tnggaccnc	ttttaccccc	antgccccn	660
ttgtgngctt	ttgcccccaa	aaattcccc	ctntcccatt	aacncgttaa	nccaaatccc	720
tccgcgggtt	aacaataaat	ttttttntan	ccctnaaata	ccnnggggtt	tccttaaaaa	780
negtcnnatn	cctnaanttn	ccntttgaaa	tttccctttt	cncttctggg	gccttanttt	840
tgaaccccna	naanttnaac	ttggnccntc	cncnggttta	antcnaacan	natttgccct	900
tacntanana	aaatctccta	cctnttggtt	ncttcaanat	ttttgaacnt	taatctnnat	960
tttanannna	nttaataaaa	ctgtaatcnt	tggaaannta	ctntgnnncc	cnaaatccn	1020
ttatacacat	nggtnttttt	atgnnaccaa	acttttgagn	aaccgcatng	tcttataacc	1080
cncnaaatcc	cttccgtacc	nccggggtnt	cttcaatctt	tacctcaaan	gnngaancgt	1140
tttcccttgn	tttcttacnn	atacggctnc	gtttctcttc	tatttttant	ccanctaatt	1200
gtaattcaen	tttttccgga	netcttctga	cctatntnac	ntctcttcan	atctccccct	1260
aaagtccctna	atctcnaact	tccaattntt	acccccanta	tcaatgtttt	ccaatccctt	1320
nnttcnt						1327

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1267)

<223> n = A,T,C or G

<400> 4409

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ggcttctacn nnaannngntn ggaaactcan ncgctcgann ggcgnnggga ngcnnctaga      60
tcacacggac ngctaccanc gaggaggnt ttnntnacca naatcangac ctaaagcac      120
ggntntatgt accctgncca ccatctngtg cctctttatc attngcctct tccntcctat      180
ntcccttgcg ttaaggaana aaaatggtgn cacaatttgt caaaagtnat tttaanngna      240
aanccntnnc atganagnaa cctgnantt caanncgnt nnaannnnnc tntnnncca      300
nngnggaent ngnnntcnn aacctnact ntntntcnn gannncnna nnnccnatat      360
cntnncnnga gttnaatnnc annncancan ttnnttann nngaannan gnnnaattga      420
nncttgtn cgganntanc ntcangatcc cannannant nccgancgna anttctatna      480
antntncnan caccanattc ngtcganacn ncncgctcnn ncngcacnat nactggnan      540
tnnancnna gncnncactg nanntacngn anctacnagc gctgacntn cntntccng      600
cnngncngt nongtanatc ncncnatcat ntngatntc nnttnnatnt acnnatntnn      660
antntcgana ntgnntcagc gancntatat nngnganncn acctanagng cacannacan      720
ntcnanacga nactnctc ncagnnatnt tcnngcgtnc tctgntgagn cctacacnn      780
ngnncacnnc tntncagag taatncaca ctgtaatcnn tataccanaa ntctnctac      840
gcanancnnc cnnanagcat cncntgctg acgttnacnc atntcnacat ntngcacgt      900
ncatntntca ntancncaa tntntatgn nctannngtc natntatat atntntnttg      960
atatgnntnt ncgntancan acacgnacng ngnacanaca ncncactnna nnnangann      1020
acncancnnc tnanngcann ntngnnnnc tgcgnananc gtagnatacg ntactcagng      1080
cntancacnc ganncgcgan tatctcncaa nanactnnnc gctnnnannt atcactntct      1140
cntacatcga ntctcngcng atctacncgc tcagtnncnn ctgannnnat atnagnatcn      1200
ctncatnga tnanantann aancactggn ncnnncnaacg ngtnccnta naagtaganc      1260
gmctcg      1267

```

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 4410

```

tgnagctntt tgaactcctg ttctttttgc aggatcccat cgattcgatn atgnnnnan      60
ncactntgan ngtnnattta tnnntttctc cnattccnna actaatggga nncgggtgct      120
ggtatngann cttggggaaa atacctggag ataccagtgc agctattnaa agctgnagca      180
agggctgcaa tcttgcgag attttaaaga gaagtnttaa agtttctaact actgatgcct      240
ctttttggta aatacaagtt ttatnaatcc tgccctggga tcttgattcc ccattaatca      300
agatttgta gacttcacct tctataatta gaaaacacag ttataagaac agtcaatttt      360
ttaaattttc caaattaaata aattgcacca tgattttgaa caagcacttc caattncatt      420
accatcttg tatgccatag gtgggagtat aattgncaca gc      462

```

<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

```

<400> 4411
tnnnnttttn aannttttcc taatgctggt ctcgttcttt ccgcaggatc ccatcgattc      60
gtttgtgctt tttaagaata ttttttagact atttcttttt ataggggctt tgctgaattc      120
taacattaaa tcacagccca aaatttgatg gactaattat tattttaaaa tatatgaaga      180
caataattct acatgttgtc ttaagatgga aatacagtta tttcatcttt tattcaagga      240
agttttaact ttaatacagc tcagtaaatg gcttcttcta gaatgtaaag ttatgtattt      300
aaagtgtgat cttgacacag gaaatgggaa aaaacttaaa aattaatatg gtgtattttt      360
ccaaatgaaa aatctcaatt gaaagctttt aaaatgtaga aacttaaaaca caccttcctg      420
tggaggctga gatgaaaact agggctcatt ttcttgacat ttgtttattt ttggaagag      480
acaaagattt cttctgcact ctgagcccat aggtctcaga gagttaatag gagtattttt      540
gggctattgc ataaggagcc actgctgccca ccacttttgg attttatggg angtccttc      600
atcgaatgct aaacctttga gtagaagtct ncctggatca cataccaggt cagggaggat      660
ctgntcttcc tctacgttta tcctggcatg tgctagggtta aacgaaggcn taataagcca      720
tggctgacct ttggagcacc agtgccagga cttgtcttca tgtgt      765

```

<210> 4412

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

```

<400> 4412
gnnttnantt nnnttccctt tcaaatnctt ggctacttgt tctttntgca gggatcccat      60
cgattcgaat tcggcacgag ggaacctact agatggacag gctgaggtgt ttggcagtga      120
tgatgaccac attcagntng tgcanaaaaa gccaccacgt gagaatggcc ataagcagat      180
aagtagcagt tcaactggat gtctctcttc tncaaagtct acagtacaaa gccctaagca      240
tgagtggaaa atcgttgctt canaaaagac ttcnaataac acttacttgt gcctggctgt      300
gctggatggn ntattctgtg tcatttttct tcatgggana aacagcccan anagctcacc      360
aacangtnct ncaaaactaa gtaagagttt aagctttgag atgcaanatg atgagctnat      420
cnaaangccc atgtctccta tgcagtacgc acgatctggt ctgggaacag cananatgaa      480
tggcaaactc atagctgcan gtggctataa cagagaggaa tgtcttcgaa cagttgaatg      540
ctataattca catacagatc actggctcctt tcttgctccc atgagaacac caagagccccg      600
atttcaaata gctgtactca tgggccagct tttatgtggt acgtggatca aatgggccac      660
tnaaattgac ctgaagtggg ggancagatt aatgaattca aaccatagna tgactgggtt      720
cctgtttcag aatttgagaa ctaaccggg tgtn      754

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<210> 4413

<211> 1119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1119)

<223> n = A,T,C or G

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<400> 4413
nncacnnnn cantnntcna nanccannnc caannctca cncnnnnnan nntctcnaaa      60
ccanccnnnc gnetnncnat nacncaangg naaggggcan nngattcta gtttntnn      120
anttttttga aaggccnttt cnagagtcnc ttggcaagcn gcttctacca gangaattcg      180
gcacgagaat nntccngtat ntgnctcttc nacctagaa tnacttatan acgtataann      240
tannctcna aatactnaca ggtntnaaaa taangtnat caantactaa tttattctg      300

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tttcatcana	aagcacgacc	atcgtggcat	ngaaacttga	gttatagcct	actatcanga	360
tcaatntaaa	aaatatatat	ntagggctgg	ntgcacgtgg	tgacatctg	taancccaag	420
tgctttggga	ggctgaggng	ggtgaatcac	ctgaangtca	cganttcaag	accaacctgg	480
tcaacatgac	nataacccca	tncctacaac	aaaaatgtaa	caaattagcn	acngtttgg	540
nacacacacc	ntatcactct	acntncaatn	gggggcccga	atncngtnga	anaatccgcc	600
tntgatctct	tnagnaaaca	tncaaangcc	tgctncanaa	gctaattncat	cattgcccna	660
cctggaactt	ccaatccntn	atngcnaanc	ancaatctac	ncaccacntg	gtcccntaat	720
atacggaaca	nactcacatc	ngactatctn	aanantncca	nagcnataa	ggnnacantn	780
acnccancan	ntttncanc	nntgccnaaa	nanatacccn	acaacaatnt	ctagnacant	840
atnnacnnnc	ntttacncat	ncncncacat	ntnncccaaa	ctcnantaca	cntccntcac	900
actntcactc	ctctcctacn	tnnnchnaaaa	anactcntcc	gnaacccctc	cntnmantat	960
acctcatnta	taccnnanna	atctcctaac	attttaccat	ntctcntnat	ncccnmnaca	1020
cacttttnct	naacnncntc	tcnanataac	gnaanntana	netctcnang	atntccaaaa	1080
nactncacna	aattttgtcg	caaaaangtn	ntntnacc			1119

<210> 4414

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4414

gntttntttc	ntttntcttt	caaatccttg	gctactttta	attntctgcag	gatecccatcg	60
attcgnnttn	ggcncnangn	ggatntggct	tntgnggaat	nggatnnnna	gctggctcgat	120
gacggncanc	ggataganan	actgnagnan	ccntgctcnt	tnagnnncag	tgctgtttan	180
gaanangatc	tcatngtntg	nnttgannct	ctgnatggan	ccangggcgt	tacnnaaant	240
attntngaca	ntgtgacacn	tcattatttg	aatngantat	ganmnanatg	ncatagcang	300
aganataaac	cagcnatatt	acaactatct	cgcancgacc	ngatgctgng	ntctggaaga	360
caatntggng	agnttttaggt	ntagcgcctg	nnngntttca	nctgntanan	gaacctgntg	420
ngaaanacat	tatcacnnct	actcgnctct	atngcaacaa	gaagnngctg	actgtgntgc	480
tgctntgaac	tcctatgctg	ngctgctagt	angatgagca	ngnaatanga	tnatcagctg	540
annganngcn	aagncctctg	ttattgtntg	ngcaaagtct	ggttgtaagg	anntgaggtt	600
actttgcgct	ttgggnaagt	ncntactana	ttntttnttg	ggacngcaan	gnttttnccg	660
gggtganccca	angngnaant	ggnaccttan	tngancnctn	naanggnntn	tcnangggca	720
tagtnnancc	tggannaaag	gangttncna	gnnttttann	tnccgggaaat	nnnngactta	780
ctttttctg						788

<210> 4415

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4415

ttgtnnnnnn	ngtttttttt	ggcggtaaaa	aaaaanggnt	tttttttttg	ggggaaaaaa	60
nnngggccgt	ttggctnnng	ggaaaaaacc	cccccttttt	gggggggaaac	cnntttttctg	120
ggngaaaanng	nnncncngng	ggnnngnngn	nnnnnggggn	nnngngagggn	nnnnnggnnn	180
nnngnggnnn	ngngntnngn	nnanngngng	gngggngnga	ntttntttgn	nagngggagg	240

gantttnttng	gnngtttttt	ttgncgnncg	gggnnggntn	gggnagnggg	ggcgagggga	300
ggggngggnn	cgngggngga	ganagnaagg	nagggngngg	angcgtgggg	tnnggggann	360
gggnnagann	aggcgnnatn	aggngngggg	gnngggangn	gggggagngn	gggtagnagn	420
ggggngnggn	nnngngngng	gagggnnngc	gnangggacg	ncacagnggg	ggtcaannng	480
ngangggann	tgnggaatgc	nggnngggcn	cgggggcngn	nnggagnggg	gntgggacag	540
ggtgnnggan	gccannnagg	ggngggggnn	ngccgagngc	attnggtagc	angnnnggcn	600
nttcgggggg	ngccnnnnng	tnantgacgc	gngcgggggg	ngnanatnca	ngggggnagn	660
gnggggaang	gcncncngng	tntggggggg	ganccnntga	gggggngnna	agnagggggg	720
ggaagncngc	caannngngt	ntncngggnn	nnangnggan	nnnggggggg	ganngngngc	780
ggngangggg	ggggaaccnn	gtnnnnngaga	agnccnntgn	angntgggag	ggnnccggnnn	840
cangggggng	gncanggggn	gnnaanantg	cnnnnngggg	ngnggaggat	ggcnggggag	900
cntggggana	gatgggggan	nnnagagcgn	ngnagnngtg	tgngggggng	gngatnnaga	960
gngtnnnggg	gggnngggng	gggnnganng	agngangggg	gnnaaaagnn	anagggctan	1020
tggggggggg	nnngannngna	aagagggggg	gggggggggn	ganannngng	cgagngngnn	1080
ggnaaaanggg	gnngaagggg	ngntgnnnng	gggganaggg	gggntntnng	ngnngtanen	1140
tngggaannn	ggggggggag	ngngcagaag	nnnngggggg	gnngtgnaaa	angaaantgn	1200
gggggggnan	nnacaggggg	gnannaggna	ngggggcnc	ganagctang	gaggggnnnn	1260
nnngngngtg	ngggggngan	ngggagaana	gggggggggg	tnngngnaagg	ggggggnnaa	1320
naggggggga	nnaaaaagag	tnnggggggg	nagaannngn	aggggggang	ggngagngng	1380
ggatgggggg	ggggnncacn	cannaccgcg	n			1411

<210> 4416

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4416

gncttttta	aatgcttggc	tacttgttct	ntttgcagga	tcccatcgat	tcgnattccg	60
nacannnggc	atacttgntg	ccttccangn	gnactntcac	caangtntct	ggcgtaacnc	120
gtnnagancn	gcntgaccgc	acnccatcgt	nangngcagn	ngtgccctgc	tnctgnga	180
ggggccaagt	ncggtntgtc	atgcctntga	tnccacnact	gnnggaagct	gatgcangcn	240
gatnacttna	ngtcatgant	tcnanaccag	actngccaac	atggtgaaac	cntatnttta	300
ctatanacaa	gagtagatcg	anngtggng	nngcacactt	gtaatcnag	ntactcnaga	360
tgctgntgcn	naatanntgn	ttnnactctg	gagatngang	tnngnantgan	ccaaaatcgc	420
nccnctgngc	tccaacctgn	gngacanagt	aagaccctgt	ctcataacaa	acaaaataca	480
actnagcct	ntanaactat	agggaagtcn	ggattacntn	natccngnca	tgatanggat	540
acatcgattg	antttgnaca	nncnacaact	tggattgcag	gtgaaaaaaaa	tgcttntatt	600
ttgtgaaana	ttncagtgtc	attgctttta	tnttgtaacc	nattataagc	ttgcaaatta	660
atcatgttta	ancaacaacn	ngnttgcat	catnttatgt	ttcaagtttn	aaggnggaac	720
ggtntnggna	aggtttttta	antatggcgg	tccggcgngg	tccaannn		768

<210> 4417

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4417
 tcnnncttttc taaatgcctt nggnnnntccc tttctaattng cttggctact tgttctttttt 60
 gcaggatccc atcgattcga attcggcacg agggacaata atggccgctt tcaaggtgtg 120
 gatttttggt ccttgagcct gtctgagcga ggggtggcag cgcggcgcc ccagaatccg 180
 ggacagaagg gtcccaagag tcgcgcttg tgagagaaat ccagatcct gtgatggggg 240
 acaccagtga ggatgcctcg atccatcgat tgggaaggcac tgatctggac tgtcagggtg 300
 gtggtcttat ttgcaagtcc aaaagtgcgg ccagcgagca gcatgtcttc aaggctcctg 360
 ctccccgcc ttcattactc ggactggact tgctggcttc ctgaaacgga gagagcgaga 420
 ggagaaggac gatggggagg acaagaagaa gtccaaagt cctcctaca aggactggga 480
 agagagcaag gatgaccaga aggatgctga ggaagagggc ggtgaccagg ctggccaaaa 540
 tatccgaaa gacagacatt atcggctctgc tcgggtagag actccatccc atccgggtgg 600
 tgtgaaccga agagtttttg gaacgcagtc cggcgaaaaa aaccggaacc ggcgggaaca 660
 tgggtgtctat gcctcgtcca aagaagaaaa ggattggaan aaggagaaat cgcgggatcc 720
 nagaactatg acccgcaaga agggacnaga nattaaccgg gattagaaag taggcacanc 780
 nt 782

<210> 4418

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (747)

<223> n = A,T,C or G

<400> 4418
 ggngntttta tcagctcttg ttcttttgca ggatccctcg attcgaattc ggcacgaggt 60
 gacgggtgaa gcagatgttg agtttgctac tcatgaagaa gctgtggcag ctatgtccaa 120
 agacagggcc aatatgcagc acagatatat agaactcttc ttgaattcaa caacaggggc 180
 cagcaatggg gcgtatagca gccaggatgat gcaaggcatg ggggtgtctg ctgccaggc 240
 cacttacagt ggcttgaga gccagtcagt gagtggctgt tacggggccg gctacagtgg 300
 gcagaacagc atgggtggct atgactagtt ttgttaggaa catttgagtt acttcaatca 360
 ttttcacagg cagccaacaa gcaattaaga gcagttataa tagaggaagc tgggggaacc 420
 attttgcacc atgagtttgt gaaaaatctg gattaaaaaa ttacctcttc agtgttttct 480
 catgcaaaat tttctctag catgtgataa tgagtaaact aaaactatct tcagcttttc 540
 tcaattaaca ttttggtagt atacttcaga gtgatgttat ctaagtttaa gtagtttaag 600
 tatgttaaat gtggatcttt tacaccacat nacagtgaac aactgggga gacctgcttt 660
 ttttggaaaa ctcaaangtg ctacttctcg attcaaagaa atattctcat gttggtcatt 720
 ctagtattata ttttcattta aaatcct 747

<210> 4419

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 4419
 gnttnnttcn tttcttttca atncttggt cttgntcttt ctgcaggatc ccatcgattc 60
 gaattcggca cgagcagagc tgtgatctgc cccaggat tctgacccc aaactggctc 120
 tcaaccatgt ttacatgatg aaaagaagag gtgactgttg tatcagctct aaaggcctca 180
 cttttgggtga aatgggacct aaatttgatt gcatacttga ttacttgctg tcaatactga 240

aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaagt	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgcct	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttgggccaa	ggctgttgaa	agctttgggt	720
ttgcttanat	taagtcaaat	gccgtann				748

<210> 4420

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4420

gnttnnttcn	tttcctttca	atncttggct	cttgntcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccaggat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240
aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaagt	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgcct	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttgggccaa	ggctgttgaa	agctttgggt	720
ttgcttanat	taagtcaaat	gccgtann				748

<210> 4421

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4421

ggnttattcn	ttcctncnaa	tncttggcac	ttttattctg	cggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gngnncctaa	120
cacttttnng	cagttgtgct	tnanctaagt	ggctaattgn	tttnaanntn	gngnntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	nttttnatnc	ctanctcnnn	nagnnttttn	nnannccttc	360
ncttggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttcntca	ncaacctattg	tgncctnngc	gnannatnnt	ttacnctnct	ggttgntatn	480
nacancntnc	tcttgcattg	cgctattaac	ctntagtgtg	tccacanaga	nataattttt	540
agaggcgtat	ntntnatcat	agngannata	ctntcancnn	aattagtgtc	ttnaatatnt	600

tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcnctat	aatatnnggg	anaatttgtg	cnncntttat	720
nttctctata	ttanacatnn	atattggggg	namnnttacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncaen	840
nnttggggann	gcttttanat	tactncatac	atacatgnat	gtntataaann	anngettnen	900
atatnggcac	naaaatactc	tatatgtntt	tgcnttacna	acancactat	tnttatenta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgctaatt	ggantnacia	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnmctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcanaanant	atgnctcaat	1260
gtanactntc	ctcactcgng	ntttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantnccnc	gtmatnctc	tnangnngn	ctgcnctcc	tttngnnntn	1380
ncatatnggg	tancatttcn	tcnct				1407

<210> 4422

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4422

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cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgngncct	gngncttaa	120
cacttttnng	cagttgtgct	tnanctaatt	ggctaattgn	tttnaanntn	gngntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnannct	atttttnaaa	nnngacacc	300
tnnngatcaa	tntgtntaan	ntttmatnc	ctanctcnnn	nagnnttttn	nnaanccttc	360
nccctggantt	nttgtntaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnntctntca	ncacctattg	tgncctnngc	gnannatnnt	ttacnctgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgta	tcacacanaga	natatttttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgt	ttnaatatatt	600
tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcnctat	aatatnnggg	anaatttgtg	cnncntttat	720
nttctctata	ttanacatnn	atattggggg	namnnttacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncaen	840
nnttggggann	gcttttanat	tactncatac	atacatgnat	gtntataaann	anngettnen	900
atatnggcac	naaaatactc	tatatgtntt	tgcnttacna	acancactat	tnttatenta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgctaatt	ggantnacia	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnmctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcanaanant	atgnctcaat	1260
gtanactntc	ctcactcgng	ntttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantnccnc	gtmatnctc	tnangnngn	ctgcnctcc	tttngnnntn	1380
ncatatnggg	tancatttcn	tcnct				1407

<210> 4423

<211> 804

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A,T,C or G

<400> 4423
 gggtanttcn tttcctttca atccttggtt acttggttctt tctgcaggat cccatcgatt 60
 cgaattcnnn ncnnggaggc ctncgeggca tctggnnncn ttggnatctg nttingcngnt 120
 ngagcgatnn tcggctgttg tggacacgcn tttnangett ctgttggtgca tntannttga 180
 ttcacatngn cttacacant gectggangc tgtctnntag gctaatacna cttncacatt 240
 gggagataca cctgctgata gtggnnnatn gacncnctga nttaangtgn tggannngat 300
 nngtnntttt anngnntggg nnaaactnnt cntattcnctn tgatggnact ttggatcnca 360
 ctncctgaggg anactcngtna tggagcnanc tngggcnggn gnaccnctt ntttttagaa 420
 natgaaatca tacatctgng ngntcagtg nttnnctgga tatcngcntc tgnnttantn 480
 acttccaccc anagcatnat angacctng acttancng ngtcnnagcc ttctganatn 540
 nggnetggaa gnetgntngg ctnccttann nnnccctntt gagnetnatg atnnaacncg 600
 gctttggng gttccactg atntgacact gnctangcaa gatnccaan gatggcgant 660
 cntcttgcaa tttgggaagg aantccttt tntcngctt gntagnatng ccttnnnnat 720
 aaccttgctt tgaantntt taacccnnt aatccagnt ngannttgct ttaggtaaaa 780
 nccaattgca ntcgnnanan ancg 804

<210> 4424
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 4424
 gnttnncncc tttcaattnc ttggctactn gtctttttgc aggatcccat cgattcgaat 60
 tcggcacgag gaggatctgc cttctgagga agtggatcac gagctgattg aagacagtca 120
 gtgggaagaa atactgaagc aacctgccc atcgagtagc agtgctatta aagaagaaga 180
 tctcgtggtc tgggttgatc ctctggatgg aaccaaggaa tataccgaag gtcttcttga 240
 caatgtaaca gttcttattg gaattgctta tgaaggaaaa gccatancag gagttattaa 300
 ccagccatat tacaactatg aggcaggacc agatgctgtg ttggggagga caatctgggg 360
 agtttttaggt ttaggcgcct ttgggtttca gctgaaagaa gtccctgntg ggaaacacat 420
 tatcacaact actcgatccc atagcaacaa gttgggttact gactgtgttg ctgctatgaa 480
 ccccgatgct gtgctgcnag taggaagagc aangaaataa gantattcag ctgattgaag 540
 caaagcctct tgcttatgta ttgcaagtc ctggttgtaa gaaagtgggg ataccttggtg 600
 cttcagaaat tattttaaca tgctgntggg aggcnnntt taacccgata tccattggg 660
 gaatgttctt tcaantccca naaggttgn aagcatatga acttttctnn gagtcctggc 720
 ccactgtgga attatgacta ctatgcanc 749

<210> 4425
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (727)
 <223> n = A,T,C or G

<400> 4425

tcnaatnctt	ggctcttgnt	ctttntgcag	gatccctcga	ttcgaattcg	gcacgagntn	60
gagctggaca	ctnagnacaca	gtttagagtn	ttgatatatn	actngaaaac	agtancattn	120
ccnaanaccn	atnaccceca	ccctgtccna	angaatgatn	gntatgnatg	tgaagttnat	180
nttntgactc	ngatnatnac	nttccacttn	ggatgcacaa	ccatgctgnc	ctgtacagaa	240
gtcacangtn	ttgtgagaat	ttntaaactg	atgatgtgna	ttnncatggn	aacatgagtc	300
tacattttac	cttcnatagt	agcnatgaat	cacaatnacn	tctttgttta	taggttggtg	360
gaaaantaat	tgctgttntg	ccattgcttt	taatggctgc	cacaactact	ttngcacnan	420
cctaataatt	attaanaact	tnctttctng	anacacaatt	nctgaaanng	ggattnatgt	480
gctgagnctc	taaggacct	gatantnct	ngtatnnntn	gttgaatggt	gnanaatatt	540
tcnatnactac	tcaantgatg	gtncatgat	ctgggaggaa	gcctncttna	gcatnttanc	600
canattgncc	agggtttcna	gganaagtct	aaagcctgtn	angataccna	tgggaccccca	660
ccngggtgna	anggcttnt	gtcttncggg	gactttgagc	ttaattttcc	cangnaaaaa	720
anggctt						727

<210> 4426

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4426

cctttcttga	aaacnttgge	nacttntctt	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggagg	atctgccttc	ngaggaagtg	gattnagagc	tgattgaana	cannnantgg	120
gaagaaatac	tnagnacacc	atgncatcn	cantncantg	ctnttaaaga	agaagatctc	180
gnggtctggn	ttgatccctt	ggatggaacc	anggantata	ccgatggtct	ncttgacaat	240
gtaacaggtc	ttattggaat	tgcttatgaa	ggaaaagcca	tagcaggagt	tattaaccag	300
ccatatnaca	actatnaggc	aggaccanat	gctgnnttgg	ngaggacaan	ctggggagtt	360
ttaggtttan	gngcctntgg	gttncatctg	aaagaagncc	ctgctgggaa	acncnttate	420
acaactactc	nattccatag	naacaagacg	gttactgact	gngttgctgc	tatgaaccen	480
gatgctgtgc	tgcnagtatg	aggacaggan	attngattat	tcagcttatt	nanggcaann	540
actctgntta	tnnatttgc	agnnctggtt	gtnagaattg	ngatacttga	gctccagaag	600
ncatttacat	gctgtnggag	gcangttaac	cgaatccatn	ggnatgttct	tcagtccacc	660
aangatgtta	accatntgaa	ctctggatga	gtactgccac	nctgaggatt	atgactactn	720
tgcaagccca	nnacatgngn	gagccccctn	ctt			753

<210> 4427

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4427

tttgnaaanc	cctttctggt	gttcaccgga	aacncttggg	aaattcccat	agctncangc	60
annnantgcg	atggcgtgcg	cctgtagtcc	caggtactcc	ggaggctgtg	gcagatttttn	120
ggcttattga	acacaggcag	nttgtggcca	ttcagcaagg	agcataatgc	ccctgtnggt	180
ggtgatagt	aataagcact	cagtgcagnc	aataagnata	taattngagt	taatgcatgn	240
cnaatgattc	cngtcccttg	ttgaatgtgg	atttntntat	ctcantncca	atacatttnc	300

tacaaagcca	agtgccattc	cctggaattg	gccnatagca	atcnggaatg	tnnaccatng	360
gattcaactca	ctggcagntc	aagtctgtga	acaccatgaa	ggttaatcaa	catgaggggtt	420
taaagccaac	tttataggct	tgtatatnn	nccttcctgg	tcagcaatan	agcccattcn	480
cnggagcttc	cngnggggat	gactcgtccc	agngaattctt	cctattaagn	naaccnanng	540
gnttaactgn	agaaaaggct	tnccgtnatc	tntaagatcc	ttttggaaac	cacntttant	600
ctaccctggc	ctncaagntc	caattttggn	agacccgncc	atnnancctt	tggangaaat	660
ncccaatncc	aggaaaccca	atggccaaaa	ccccntntnn	aaggnnnctt	naacaagccc	720
agggaaaacc	naattncccn	aaanattggg	gccnntnnnn	gggggggggn	aaaaaggctn	780
naaactntcc	cnaacttaaa	acaaaangncc	ccttgggntt	ntcaaaaaaa	nggggcnttt	840
nggaanggaa	aanganccc	cna				863

<210> 4428

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 4428

nntttactnc	ctttnccccc	tctntttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
cagaacngat	ccagacanaa	antgtntgca	ttttaccttn	tttcccnenc	caattcttct	120
tnntaganga	nagtancgtc	agatgnctct	tgncgancc	nnnctcngtt	gnacatngcc	180
tatnctcctt	tnagatntan	atgganattt	gcttatgact	tgtgttgnat	aacgaggtan	240
aaanattgct	gtcttctctg	acatncctcc	tcaaaganat	cattaatgta	tgatatctaa	300
taaaccanct	antgcatgta	acagtgatca	gcaaattaat	anatnanacc	tctattcatg	360
cttaaattat	caaagntagt	atttfaatga	natgtgctat	tttcattaaa	atntntggca	420
ccatcgagna	tganacttac	caattgcanc	nnaggnantg	agccctnanc	c	471

<210> 4429

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 4429

nggggtataa	annnnntttt	nngaatacag	ctacttgctc	tttttgccag	atcccatcga	60
ttcgcanngg	ngcncgnnat	ntgntngncn	atngaactgn	cnnngcacat	caatattngt	120
gggnttncnc	natctntcat	nnantgtgna	anacagatct	gacttggtta	tgttngagtg	180
acctganca	atgnnngnag	acggntaggg	gtacacggag	cacacattcg	tcacaaattc	240
tatnggtgca	tnttttgcaa	gggncgtttc	caggggtgctt	attancgann	gcaaagggta	300
cttggcaatt	gcaagatttt	ncaatgagcc	ccaagnaatt	cntngancga	attgcattgg	360
caccccaagg	tttnaggaaa	agatnggnaa	anccanttac	cttcnaattt	ccaaccttgn	420
nattttgacc	ttggantggg	tttaannaan	accccagggt	agttacccaa	cntnngggcg	480
antttncnaa	agtnccccna	tcccttaatt	ccaccaanna	anggnnttaa	aanaatggcc	540
taatttcggg	cgagttattc	gaagaataat	cgcttantng	tggtncaaaa	cttacattac	600
tcaatggaaa	cattcaccca	attttngaaa	gggaatcttt	aattcggcct	ggcattaaat	660
ccggagntgt	catgggcttt	cngaattcaa	atgaaannng	ttatatttct	ggggngcaag	720
atcananttg	acganaccca	atggaangat	ctactgatag	gcangttacc	atcactggaa	780
tctgntgcca	gcatttagcc	tggtctcaata	tctaatacaa	tgtcaaggct	tttnccttgg	840

gaaaacgggt	tggcattggg	ggagcaactn	ggaacaatgc	agattcaatc	cattaatccc	900
ttttctggtg	ttcaacaacc	aaccattga	atccatctgg	ggtaagtttt	cttgaaacaa	960
gtcancngaa	nttccn					976

<210> 4430

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4430

tnnnnctttt	ctaattgncc	cctnattnge	nggttccaat	nnncanngaa	cgatcccatn	60
gattcgaaatt	cggcacgagg	tttttttttt	tttttttttc	agttccagtt	ccactttctt	120
tttatattaaa	taaccgaagc	aacagccgtg	gcacagcaga	gggaagctgg	gttggggcgt	180
gtganangtg	gcagcagtn	ggcctgatgg	ggggactang	tcacagtga	ctccccacac	240
gcctntcagg	ttcagcagtc	atggccatag	gattggggagc	actacggagg	agccatcagt	300
tagtgatgtc	tctccaagtc	ccanagacct	tagggacggg	agctaagtca	gtccctcaa	360
gtagcagggc	cagggcatcc	cagtcagggg	tcacggggcc	cggaaggcat	tttcagcagc	420
cccagcggct	gcattggcag	ctgcggttcg	caccncangg	ttggagaaga	caccancagc	480
aaattcttgc	tgggccttct	naaaagctggc	acctgtgcgg	cggtataagg	agtggatccc	540
gtttcagcat	gacaattcct	agcacagcaa	tgccantgaa	gagcagggcg	accagcacat	600
gagcaccgat	actgcttgtg	ttgcccttcg	gcaccaccan	agcagaatat	ccaccctgaa	660
tnccaaacctg	ggatncaatg	gcctgaggac	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaaagcctt	tacat		765

<210> 4431

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 4431

gcttcaatnc	tttctaattc	ttggctaccg	gnntttctgca	ggatccctcg	attcgaattc	60
ggcacgagag	aaaaacaaca	gagagaaaaa	gaataacctga	gatatgtaga	agctttacga	120
gcccaaattcc	aggagaaaat	gcagctgtat	aatattactt	tacctccact	atgctgttgt	180
ggtcctgatt	tttgggatgc	tcactctgat	acctgtgcca	acaactgtat	tttctataaa	240
aaccacagag	catatactcg	ggcactacat	tcattcatca	attcctgtga	tgtccctggg	300
ggtaattcaa	ctcttcgagt	cgcaattcat	aattttgctt	ctgcacacag	gcggactttg	360
aaaaatctat	aataagaatc	tgaaattaac	tggtagtatt	ttggctttta	cttaaaatca	420
tccttgagag	agtattttaa	gaaaagctgt	tcaagttata	aaatatataa	tctggaaaga	480
aatactgtct	catataataa	ttagattgta	atcattgnnt	taatctctgt	ctgggaacca	540
agattgaaag	ctgacttact	tctctcttct	gtcttgtgaa	ccatacggag	cctattattt	600
taaaatatga	tcagaccagt	aaggcttctc	ttactttgct	ctggctctgg	atcaggaaga	660
gtcatgtga	aagtctttga	gaatctctta	tttatcatct	ttctaaaact	gngtttttga	720
gcctggacag	tnctgaaaa					739

<210> 4432

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4432

tatcttttct	aaaangnccg	taantgcntg	gttttaattn	ccttggaang	ctnacntgcg	60
ttncgnattg	ggagncaggc	ctcatcagga	ccctgntgac	tcgnggcgcg	ggagctggna	120
gccaggetct	ncgngccttt	ctctggcttc	cttggtngc	ctgntggggg	aagggnaagga	180
ggagattaag	gaaangnaag	atgttccacn	ntagantgat	gaggtctacc	ggtncagac	240
catcncttaa	nacgagnatc	ccnancctnt	gcctnnncga	aatgtnanct	cctnncaactn	300
ggcnccnagt	tatnagcccc	tengaannnt	gtnacagccg	gacgtcttan	tncnttctgc	360
tcaangatgc	tcnaacncan	ncttnnattn	ggttgncnga	nnntgcggga	tncngcncn	420
natatcnunc	attgntnncn	cttaantggg	tcttntgncc	ccctttnaat	cccttccant	480
ttgaantcct	tntgtggntt	anaacgnntt	nnngaattaa	tancnncnt	ataccattan	540
antattggta	cacnccttgn	nttaccaaan	ttncaaactg	gacttttggg	natattaaaa	600
ggnatatntt	ttatnatnnc	ctccctattg	gggcncaaat	tcgtatttan	agccttaaaa	660
ctenctcttc	tattntatan	accnctnccn	ntattntant	ctncccaaan	tttatataac	720
gncnaancct	atcatntatt	tctngcgcac	ttccnngatt	ttnnataanc	atntntcatn	780
gggttataaa	ncctnnngtn	aantgtnnnt	ntctntncna	nnnttntntt	nntaattttt	840
aantgtaccc	natnatnnnn	ncnaanaacc	ttntgttnac	ccngtttcna	nancnntttt	900
tgnntcccat	ttancctcann	nggncttcnn	ttaancannc	ctgggggnnta	atntnnggga	960
nnnctatttt	ntntgatntt	taaatagtat	antngnataa	caannt		1006

<210> 4433

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(474)

<223> n = A,T,C or G

<400> 4433

nanccttaca	agctacttgt	tctttgtgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aaangncnag	cantgangaa	tgtntttggg	ntttggagcc	acattanac	ngnaancctt	120
atgactatat	ccantgtncn	ctcccancag	canatngang	ncatgcatgc	ctcttttctt	180
aactanana	anaacnntgg	gctcnngann	ctgngttaca	tcccanngc	tttnatattg	240
cctcatggat	tcattggaaa	tacacgtgna	tacacaaant	cccanatnng	tcttgcattn	300
tattttngan	gcnngetttt	ncaatannca	mntntctntn	ntnaaagatt	atttgangna	360
acctaaggtc	cgtgagtctg	tnctntaact	tattgatgac	nnataagnnc	agcattttcn	420
ntcnactgt	cntnannnac	ctgntggnat	cagcntcant	gtctnggtng	nacg	474

<210> 4434

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4434

tnnnnttttg	aaantttttg	aaatcncctg	nttctaant	tnggcacgat	cccatcgatt	60
eggggatggg	cctatgattg	ttcatgatga	gcatggagga	gtgtcggcag	gaactttctg	120
tgctctgaca	acccttatgc	accaactaga	aaaagaaaat	tccgtggatg	tttaccaggt	180
agccaagatg	atcaatctga	tgaggccagg	agtctttgct	gacattgagc	agtatcagtt	240
tctctacaaa	gtgatectca	gccttggtgag	cacaaggcag	gaagagaatc	catccacctc	300
tctggacagt	aatgggtgcag	cattgcctga	tggaaatata	gctgagagct	tagagtcttt	360
agtttaacac	agaaaggggt	gggggaactc	acatctgagc	attgttttcc	tcttcctaaa	420
attaggcagg	aaaatcagtc	tagttctggt	atctgttgat	ttcccatcac	ctgacagtaa	480
ctttcatgac	ataggattct	gcgcctaaat	ttatatcatt	aacaatgtgt	gcctttttgc	540
aagacttgta	atttacttat	tatgtttgaa	ctaaaatgat	tgaattttac	agtattttcta	600
agaatggaat	tgtgggtattt	ttttctgtat	tgatttttaac	agaaaatttc	aatttataga	660
ggttaggaat	tccaaactac	agaaaatggt	tggtttttagt	gtcaaatttt	tagctgnatt	720
tgtagcaatt	atcagggtttg	ctagaaatat	aacttttaat	cagt		764

<210> 4435

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4435

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cacttttttg	atcggcattc	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtataac	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcaacaact	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaattg	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttagg	aggaatattt	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgtctgt	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagtctctc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggtcgcga	taatanttat	ttgcccc				747

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436

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tcgcatcgcg	cacttttttg	atcggcattc	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtataac	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcaacaact	aaacagcttc	aggcagaaac	300

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agaaccaatt gtgaagatgt ttgaagatcc agaaactaca aggcaaatgc agtcaaccag      360
ggatggtagg atgctctttg actacctggc ggacaagcat ggttttaggc aggaatatTT      420
agatacactc tacagatatg caaaattcca gtacgaatgt ggggaattact caggagcagc      480
agaatatctt tattttttta gagtgcctgg tccagcaaca gatagaaatg ctttaagttc      540
actctgggga aagctggcct ctgaaatctt aatgcagaat tgggatgcag ccatggaaga      600
ccttacacng gtaaaaagag aaccttagat nataattctg ggagttcttc actttcagtc      660
tcttcagcag agacatggnt tcattcactg gtctctgggt ggtttcttta atcaccccca      720
aaggctcgca taatanttat ttgcccc                                     747

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<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437

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gnttaatgcc tttcnattgc ttggtctctg atctttctgc aggatcccat cgattcggtc      60
ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt      120
taaataatgt gctgaataag ctcagcaact aaaaaccatt acccaagaac gtttcttggtg      180
agtgagctga tttattctga ttcattatat tccttttggg agattttata ccccttgggg      240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga      300
ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt      360
actgtacttt attcctgata cattttgggt tccatgtagg tgttgagctc ctggntttct      420
gtgtttggat gatgaagatt tggacccttc cattcataat ccctttctaa gtgaagggag      480
aggctggcct ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac      540
tggctctcag tctagtcagg tgcaatgttc ttgagagggt gggacctaata tattaccaga      600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt      660
ctacctgaaa aaangnanan gnnccctnnct tgattanctt cntaatcctt nnnnatnmaa      720
ncnntcctna annantttta t                                     741

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<210> 4438

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4438

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cgaattcnnn ncnnggaggc ctncgcggca tctggnnncn ttgnmatctg ntngcngnt      120
ngagegatnn tcggctgttg tggacacgcn tttnangett ctgttggtgca tntannttga      180
ttcacatngn cttacacant gcctggangc tgtctnntag gctaatgcn cttncacatt      240
gggagataca cctgctgata gtggnnnatn gacncnctga nttaangtgn tggannngat      300
nngtnntttt anngnntggg nnaaactnnt cntattcnct tgatgnnact ttggatcnca      360
ctnctgaggg anactngtna tggagcnanc tngggcnggn gnaccnctt ntttttagaa      420
natgaaatca tacatctgng ngntcagtg ntnnnctgga tatcngcntc tgnnttantn      480
acttccaccc anagcatnat angacctcng acttanccng ngtcnnagcc ttctganatn      540
nggnetggaa gnctgntngg ctnccttann nnnccctntt gagnetnatg atnmaacncg      600
gctttgggng gttccactg atntgacact gnctangcaa gatnccaan gatggcgant      660

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cntcttgcaa	tttgggaagg	aantcenttt	tntncngctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantttnt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4439

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4439

gnnnnnnnntt	cccctttcta	atcncttga	nntcgctctn	tntgnangat	cccatngatt	60
cgaattcggc	acgagagaaa	cacaggtgtc	gtgaaaacta	cccctaaaag	ccaanatggg	120
aaaggaaaaag	actcatatca	acattgtcgt	cattggacac	gtanattcng	gcaagtccac	180
cactactggc	catctgatct	ataaatnngg	tggnnctgac	aaaagaacca	ttgaaaaatt	240
tganaaggag	gctgctgaga	tgggaaaggg	ctccttcaag	tntgcctggg	tcttggataa	300
actgaaagct	gagcgtgaac	gtggtatcac	cattgatatc	tccttgtgga	aatttgagac	360
cagcaagtac	tatgtgacta	tcattgatgc	cccaggacac	agagacttta	tcaaaaacat	420
gattacaggg	acatctcagg	ctgactgtgc	tgnccctgatt	gttgctgctg	gtgtnggtga	480
atgtgaagct	ggtatctnca	agaatgggca	nacccnaaag	catgcncttn	tggtntacac	540
actgggtgtg	aaacaactaa	ttgtcgngt	taacaaaatg	gattcacttg	accaccctan	600
agggcngaag	agatattgan	gaaattgtta	aagggaagtc	gcacttncat	taagaaaaatt	660
ggcctacaaa	tccnnganac	aataancatt	tgtgccaaatt	tnnggggttg	gaatgggtga	720
ccaacattgc	ttggagccca	agtgnttaac	aatgccttng	gttnaaaggg	antggaaaaag	780
ttacc						785

<210> 4440

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4440

ngatatcggt	cgctgagggg	ccaagtggga	ggcctngnna	ggtgtggagg	tggattccgc	60
tccgggcacc	gatctcgcca	agatcctnag	tgacatgcga	anccaatatg	aggncatggc	120
cgagcagaac	cggaaggatg	ctgaagcctg	gttcaccagc	cggactgaag	aattgaaccg	180
ggaggtcgct	ggccacacgg	agcagctnca	gatgagcang	tccgagggtta	ctgacctgcg	240
gngcaccctt	cagggctctg	agattgagct	gcantcacag	ctgagcatga	aagctncctt	300
ggaagacaca	ctggcagaaa	cggaggcgcg	ctttggagcc	nagctggcgc	atattcaggc	360
gctgatcagc	ggtatattgaa	gccccacttg	ggcgtatgtc	gaagctgana	gtgaacgggc	420
agaatcagga	gtaccagcgg	ctcatggaca	tcaagtcgcg	gctggagcan	gagantgcca	480
cctacccgca	gcctgcttag	ggacagggaa	gatcactaca	caatttgtct	gctcaaggctc	540
tctgaggcag	cagctctggg	gcttttgttg	tccttggagg	tgttttctgg	tagagggatg	600
ggaaggaang	gacccttacc	ccgggttttt	cttgactgca	ataaaaattat	tgggcaagga	660
aaaaaaaaaa	aaaaactcca	gccttanaac	tatanngngt	cggnttctta	aatccagaca	720
tganaanana	nattnttngt	ttggacaaac	ccaacttnaa	tgcnatggaa	aaaatnnttt	780
tttttnnaa						789

<210> 4441
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4441
 ggnnnnnnncnc nnttttttncn cccccccct acattcgaaa aaaaccccc ctttttgggc 60
 ccaaaaaaaaaa nccccccccc ctttttgcn aaaaaccccc cttttggcna aaaaaacccc 120
 cttttgggga aaaaaaancn ttncncnncn cnnccanacn gnnnnnnncan cccgannaan 180
 naggnnnncan nannnnnnnn nnnngannan nnnnccncnn attatttttnn nnnnnncnna 240
 nnnngnnnnan annnnncnann aaannannna nnnncnnttn annnnnannc annnncnnag 300
 nagngnnnnnn ncannanaan nnnngnnnnnn nanaancaac nanaannngn gngggnnnnn 360
 annnannnnng ngnggcacnn nnanacnaac anacnnnnnn nananannaa nacannnana 420
 cngnccnnan nannanannn ganannannaa naccaannnn nnnancnnaa nncannannn 480
 ncngaggcnc cccccncnca ccannancaga aagaagacan ganannnnnn ccagaangan 540
 cncanannac aaanacaacn anacnaanaa caaanaanac aacanaanna anggcnnaaa 600
 nnnnncaaac anaaannngc nanacnagga cganngcgac aaacnacncc nagacatana 660
 caacanacaa nacanacnaa canaanannc naacannaaa cagaacaaga cncagncaga 720
 cngnancann ncncganacn cnaacaacaa ncngccaann ncanaancaa ananacncac 780
 anaacanana cnanagnnna aaaangaagc aaanacgana cnnanannng aagnanncac 840
 ncacannchna nagcacgcac anagnganan gacanganag annnaancca acaanngaac 900
 aaagacncgg nagnacaccn nacnnaagaa agcaacnaa ancnccacna acancnngnac 960
 acacacacan nngnganaaa canaccgna acaanacang ncaaacgnan acnaagcaca 1020
 nnnncnnacaa gcgacnnngg aaagacaacg acacancaga nnacgacgaa nngancaang 1080
 nanagacgaa acacgnaccn nggaaannca aagnaacang cacncacacn ngacnacaaa 1140
 canannncga cganacgnaa agaacgngna cncgnanann ggnacacaaa cnaancacaa 1200
 cgaacgacan agacgcanc accgcncacan ngcccnanga nanncgagca cncagncgac 1260
 gncgnananc acgccacaca ncnaacanta aannggann nagacancng gnggagantc 1320
 gacannngnga cacagaacac anacnnncann ancaccnnnc ganacaacaa cnagcgnaca 1380
 cnacgaacac anacancaca ccaacacgna caacangnac aacnnagacc ncnacccnc 1440
 gaccccaacn 1450

<210> 4442
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4442
 ggnnnnnnncnc nnttttttncn cccccccct acattcgaaa aaaaccccc ctttttgggc 60
 ccaaaaaaaaaa nccccccccc ctttttgcn aaaaaccccc cttttggcna aaaaaacccc 120
 cttttgggga aaaaaaancn ttncncnncn cnnccanacn gnnnnnnncan cccgannaan 180
 naggnnnncan nannnnnnnn nnnngannan nnnnccncnn attatttttnn nnnnnncnna 240
 nnnngnnnnan annnnncnann aaannannna nnnncnnttn annnnnannc annnncnnag 300
 nagngnnnnnn ncannanaan nnnngnnnnnn nanaancaac nanaannngn gngggnnnnn 360
 annnannnnng ngnggcacnn nnanacnaac anacnnnnnn nananannaa nacannnana 420
 cngnccnnan nannanannn ganannannaa naccaannnn nnnancnnaa nncannannn 480

```

ncnngaggnc cccccncnca ccanancaga aagaagacan ganannnnan ccagaangan      540
cncanannac aaanacaacn anacnaanaa caaanaanac aacanaanna anggcnnaaa      600
nnnnncaaac anaaannngc nanacnagga cganngcgac aaacnacncc nagacatana      660
caacanacaa nacanacnaa canaanannc naacannaaa cagaacaaga cncagncaga      720
cngnancann ncncganacn cnaacaacaa ncngccaann ncanaancaa ananacncac      780
anaacanana cnanagnnna aaaangaagc aaanacgana cnnanannng aagnanncac      840
ncacanncna nagcacccgac anagnganan gacanganag annnaancca acaanngaac      900
aaagacncgg nagnacaccn nacnaagaa agcaacnaan ancncacna acancngnac      960
acacacacan nngnganaaa canaccgnaa acaanacang ncaaacgnan acnaagcaca     1020
nnncnnacaa gcgacnngng aaagacaacg acacancaga nnacgacgaa nngancaang     1080
nanagacgaa acacgnaccn nggaaannca aagnaacang cacncacacn ngacnacaaa     1140
canannncga cganacgnaa agaacgngna cncgnanann ggnacacaaa cnaancacaa     1200
cgaacgacan agacgcanc cgcncacan ngcccnanga nanncgagca cncagncgac     1260
gncgnananc acgccacaca ncnaacanta aannnggann nagacancng gnggagantc     1320
gacanngnga cacagaacac anacnncann ancaccnnnc ganacaacaa cnagcgnaca     1380
cnacgaacac anacancaca ccaacacgna caacangnac aacnnagacc nacnacccnc     1440
gaccccaacn                                     1450

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<210> 4443

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4443

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ccttggnnag nngccccctt naaanccttt gaaaaccctt ggcaaangcc ctnnengnnn      60
gatcccatcg attcgaattc ggacgaggag aggatcactt gagcttagga gttcaaatec     120
agcctgagcc aacataacaa gactttgtct ctaaacaaaa cagttattgt ttaaagaatc     180
tgaaatcttc atctttaatt caggtagcac cgactcgagc ccaagtttgt ttgatatcca     240
gttccaagtc tggagagagg catctntatc ttattaaagt atcgagagac aaaatatcag     300
acagcaatga ccaagagtca gcaaattgtg atgcaaaagg gctatcaaag ggaggctttt     360
tacagagaac taaggaagag aaggaggttg ttaaagagac ttgagatcag aaaaagatca     420
agaacaactt gaatctcaa gtatgaattt gaagtatttt gctgagcaaa catttgaatg     480
cctgtatgta ccgtaatcct ctatcactgg ggtccccaac cccggtacca gcccgtaggc     540
tgctagggac tgggcccgcg cagcaggagg tgagcagngg gtgggcaagc cgaccattcc     600
cacctgagct tncctctcct gtcagatcag cancagcggt agattctcat aggagtgcaa     660
ccctattgta aactgccatg cnagggatct aggttgacgc ctccttatga ggaattgaat     720
gccctgatga acttgncact gncttccatc acccccagaa ngganctggc taacc          775

```

<210> 4444

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4444

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ntcnannngn gtccttggcc cttgctnttt ntgcaggatc ccatcgattc gccaacgagt      60
accagctgat tgactgtgcc cagtacttcc tggacaagat cgacgtgatc aagcaggctg     120

```

actatgtgcc	gagcgatcag	gacctgcttc	gotgcegtgt	cctgacttct	ggaatctttg	180
agaccaagtt	ccaggtggac	aaagtcaact	tcacatggt	tgacgtgggt	ggccagcgcg	240
atgaacgccg	caagtggatc	cagtgttca	acgatgtgac	tgccatcatc	ttcgtggtgg	300
ccagcagcag	ctacaacatg	gtcatccggg	aggacaacca	gaccaaccgc	ctgcaggagg	360
ctctgaacct	cttcaagagc	atctggaaca	acagatggct	gcgcaccatc	tctgtgatcc	420
tgttcctcaa	caagcaagat	ctgctcgtg	agaaagtcc	tgctgggaaa	tcgaagattg	480
aggactactt	tccagaattt	gtcgtctaca	ctactcctga	ggatgctact	cccgaacccc	540
ggagaggacc	cacgcgtgac	ccgggccaaa	gtacttcatt	tcgagaatga	agtttcttga	600
nggatcaagc	acttgccagt	nggaaaatng	ggccgtnaact	tactggttac	cccttcattt	660
tnaacctnec	cttgtnggga	acaacttggg	gaaacaatcc	cgncctngt	ggtttcaaaa	720
cggaactggg	ccnnggaca	attnanttta	agcgggcaat	ggccaccctt	ttgggtcaan	780
gtncnaagc	ctggttttt					799

<210> 4445

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4445

gaaaggggag	ngnanntttt	naanggcgtt	ctaagtntgg	agcacgannc	tanaaagcgg	60
gttnggcacg	aggctgnanc	tgcccgtggg	caccacgggn	acactgtctt	ccgggacctg	120
ngggcccgag	nnggctgggt	gacgggnctt	cctaacagag	tacgcggggc	cccttttcat	180
ntacctgtc	ttctacttcc	gagtgcctt	catctatggc	cacaaatatg	actctacngt	240
ccagtcggca	tacagtgggt	cacctgcct	gcctctgtca	ctcattccac	tacatnaagc	300
acccggaata	nagcccgtg	ccccagtcgg	aaaaaaanaa	aatnaanann	atanccctna	360
tgntaanca	aaacttngc	ctnttaaanc	ttagttagtc	ngaattacnt	naaatccaga	420
ccatgatnga	gatccattg	atgaagttn	gnacaagccc	ncancttaga	aatgcnangg	480
aaaaaaaaat	tgctttaatt	ntggtgaaaa	tnngcnga	gencatnngc	ctttantntg	540
ntnacgcnat	tattnaagcc	tgngtantta	acccaangta	tatccacca	acaaaatggc	600
atancaattn	tatanggttn	nanngctntc	agngngcggn	aggttgctnt	ganagnggnt	660
nttcnnaatt	ncctnccggg	nctgagngag	ccccaaatag	cntttggggg	tcccnngntc	720
acctcanacn	ttncgggata	tannccntac	gnaannanng	gggtctaaan	ttgggcncca	780
ccttgngngc	gnnaaantc	tnnnngggnt	cnaataannc	ttnttntntc	ntnnngngtt	840
naanaatntg	nanatatacn	cncgtataca	tanacanntc	tcnctgnccg		890

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

nnnttgnnnn	nnnttttnnn	nngngcnttt	tatagncngc	tcttgttctt	tttgcaggat	60
cccacgatt	cgcagcaggn	ttgccnngtg	gctgntatgg	catctatann	antttcaggg	120
ttncntaac	cnngggnc	ntgcnnntgan	tgacngtggg	nacntgtng	tggttaangan	180
cncaggacnc	nttgnatntn	ntggaaacaa	atggnaacan	anngtatcct	ctnnggatac	240
tggctnccca	nntggnttaa	cacaggtanc	agctgctcan	nttnacctga	gggatccaga	300

ggcnnttgtc	aaactagcta	ttcatggcat	gctgccaaana	aacettcaca	gaggaccaat	360
gatggaaagg	ntgcatcttt	ttccagatnc	tntattccag	aanatntnct	nangaatntn	420
cnagangagc	tttctcaanc	ncgaaaanta	cctaaacgtn	tanatgagtn	acacacgaag	480
aatggagcgc	cttcccaaga	ttgtggactc	cacctgacna	ttatcggcta	tangagagta	540
anacttgnac	anaataacag	tgaagtgatt	gaaactttct	tctgangagt	ttctctacct	600
acaggatgga	gttaaact	gntacagntc	acacctgttt	tatgtgcnga	atcactgtgg	660
ggaaaggtac	tgacgtgtan	nncttcaata	gganattgga	ttgaaatntc	actttattga	720
accattttta	tgtnatctga					740

<210> 4447

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1221)

<223> n = A,T,C or G

<400> 4447

anggccanng	nnttttttcc	caaaaagngg	ccccncttt	ttccnaaaaa	cccccttttt	60
gccaaaaaan	ncgccttttg	gggccaaaaan	anntgccccg	cnngnncnnn	ggttttggnn	120
cncnnaaaan	nnnnnncccc	ncnnannnnn	cncnnnnnnc	ncnnnnnnnn	nnnnnnnnnn	180
cannanncnn	nnnnnnnnnn	ngnnnnnnan	acnnnnnnnc	tttttnnnnc	nnnnangnnn	240
gnggggnnna	annnnnnnnn	cgngngngca	nnnnnnnnng	ggggnanann	ncaanngann	300
ggncncncnn	nagacaacnn	nnncnnnana	nnananacna	annncncnnn	nnnnanaang	360
nnncncnnnn	annannncna	nnnncngnnc	ccccccnccg	nccngncnnn	gnggcgcaan	420
acntnanccn	nnnggnannn	antncgagan	tgncnnaatn	anngccncac	annaagncca	480
naaccacaat	ncnnnanaac	tnctnnnatn	ngaanacanc	cagancccaa	anaccnngnn	540
aacacnnaan	nanaacccan	ctnnaagmna	cgccagngng	anncaccaan	acncncaann	600
nccagnnnna	ccnaacacca	cgcnanncct	naanacanac	nananncaaa	ncnatngncn	660
cacgagtngg	taacnncnna	accnacnaac	acncagncgn	ncanacncnc	nannnnccatn	720
accnacacnn	cnnccgnaaan	acngacnaac	aaatcnaana	agcncnnnna	ntnnancaa	780
nanatncnan	cnnnacgacn	tanananatan	ccacnnnana	cacacacncg	acgagncaac	840
aacnaccatn	ncnngcacgn	accnncngtc	tnnncacaan	acactannca	nccacccgna	900
aagaagaaac	tanccaaaann	tnnacgancn	acctctnnaa	gnnccgcnag	annacnannc	960
acgncccaan	tnacaccnna	cnnccnnaca	cncnaacgtn	ccannacata	acnngaacca	1020
naccacngca	ngaannnnac	annncaagnn	annacancan	ancnnggaac	nnnagcgnccg	1080
ancanccnac	gncgcaannc	gacanaagnt	anagaagaac	nacnaaacnn	annncaaann	1140
naannaaacc	taccagann	gtnnacacna	cacantncnn	cnnacgagcc	gcatnnnnnc	1200
ananacgacg	gacancaacc	c				1221

<210> 4448

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 4448

gnnnnttcaa	atagctagc	tactngttct	ttttgcaggc	atcccatcga	ttcgtgttaa	60
tcgtgtggtg	ataatcctgt	cctcctttta	aagcgaattc	tctactgaaa	ggtctgctct	120
gcttaaggag	ctacaaactg	ctctcaaaag	aatgaaatac	tgagttccaa	ttcagtgagg	180

cacagtgttg	gactatggca	catttagttg	gagtcggggg	gaggtcagga	atatgatcag	240
ataatggatt	ttatacctta	gagcaaaatc	tattagtctc	tctcagttta	tcaattttaa	300
tggcttttag	cttatagggg	gtgtaaactt	taagaatata	attctcccat	tcaagtttac	360
agcaaacatc	tagccacctt	caaaacaaag	aatatacaga	ccatcattta	gcaatactaa	420
tacatgattt	tccttgggga	tggcaggttt	gagaatcctt	tagcaacagg	acatactttc	480
cctaaattan	cnngggaatt	atTTTTTTT	ccgggggttaa	aagctttttca	ggntnccaaa	540
ncttaaaggt	gggggttgtc	ttaaccaacc	taaaaaaact	tnttcacctt	aaaattcttc	600
aaaaggaaga	aaaagttnct	ttggccaaaa	atTTTtgtaa	aaagtttcca	ccaaangggg	660
ggcaaaaacc	atTTTTTccc	ctttcctttt	aanggccntt	ttnaatcctt	aaagggaaaa	720
ggggccttnt	ttgaaaaaac	ttggggggccc	ccaatctggg	tanttaccaa	gggccttcca	780
aaaatttttac	ccgttttttt	tnaaaanggg	aaaggaaaat	cttnttgnc	aaccttttna	840
gggcntttat	ttggccaggg	gaaaaatacc	cttcnatttt	ngggnantgg	ttaaaaaaan	900
ttttatttgg						910

<210> 4449

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4449

gnnttttnnan	nncngnttt	ctaattcctt	tcnaatnctt	tgannancgtt	ctntatgcan	60
gacccatcga	ttcgggaatc	tcctagaaaa	gttgtgattt	tcgagccata	tccttctgtg	120
gtagatccta	atgatcctca	natgttggcc	ttcaacccca	ggaaaaagaa	ctatgatcga	180
gtaatgaaag	cactggatag	cataacttct	atcagcnaaa	tgacacaagc	accatatctg	240
gaaatcaaga	agcaaatgga	taaacaggac	ccccctgtct	atcccttact	gcaatgggtt	300
atatcaagta	atagatcaca	tattgtgaaa	ctgccagtta	acaggcaatt	gaagtttatg	360
catactccac	atcagttcct	tcttctcagc	agtccaccag	ccaaagaatc	caatttttaga	420
gctgctaaaa	aactcttttg	aagcaccttt	gcatttcatg	gctcacacat	tgaaaactgg	480
cactccatcc	tgaggaatgg	tctggttggt	gcttctaata	cacgattgca	gctccatggg	540
gcaatgtatg	gaagtggat	ctatcttagt	ccaatgtcaa	gcataatcatt	tggtactcag	600
ggatgaacaa	gaaacagaag	gtgtcagcca	aggacgagcc	agcttcaagc	agtaaaagca	660
gcaaatacat	cacagtcacn	ggaaaaaagg	acagcaatcc	caattcctgc	caaagccgta	720
acttaaaatg	catagnctt	atgtgaaagg	gatcaccttc	atctggacct	gcacaaacat	780
ggc						783

<210> 4450

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4450

gntnngnnnc	cnttntnagg	gggtntaatg	cngctctgtt	cttttgcagg	atccctcgat	60
tcgaattcgg	cacgaggaat	acctcaaagc	tctaccatta	cngtggggta	ganttttagcc	120
cacntntgcc	tttncanct	angggttntt	cnaagaaga	antactttga	ttctgaactt	180
gagcttatga	catacattaa	tgaaaactgg	gatagattgc	accctggaga	gctggcngac	240
acaccaaagt	ctgaaagata	tgagcatggt	ctggaggcat	taaatgatta	caagaccatg	300

tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	360
tcctcctgtg	ccaccaaatg	tggttttcaa	agcagagaaa	gaacctgaag	gaacatctca	420
tgaattttaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	480
gcaatggcat	ataaaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	540
caagaaaaat	gattcaaaaa	actgctgagc	cacttttggg	ttaaaggaatc	aatttcagag	600
aatcctactt	ttggatttac	cttggngctat	agggagaact	gaggggaactg	ccattcatcc	660
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgc	aaaagaaact	accttcgcta	720
gcattttcng	gccattatga	ttattt				746

<210> 4451

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4451

gaccnatcgg	ttngngagac	ngcctncenn	tcnnncngen	tctgnnggnt	gntnttttga	60
cacggtctcn	ngtgaaagta	cncacncact	cacacgnnaa	tgggcattgc	acccactcc	120
tgctcaaagn	gctgnacgn	gtcatngta	gaattnctgt	acgcctgnnc	tctgnccent	180
anngcngant	gggccacnnn	tntntatgan	cgcgacacca	angtgagtct	gacctttctg	240
acttgannna	caangtttgn	gggggctgnc	attcgtgntt	tnngngcnct	tnnaancatn	300
ataggaganc	ntnatnnncg	actgggaacn	nnctnnacac	atnctatctg	ngaantcatg	360
gggatcatng	gaggaaaccc	ttgtgctcga	aaataacgtg	ngtcaaacat	gcactcatgn	420
gnccnggcnn	accacncntn	gnetgtttcc	tacctaaggt	ataccatggn	atgnacactt	480
acngtaattn	tgcaaagtng	gcaaanatnt	tctcanancg	gagcetaacn	gnctaaatna	540
aaggtntttc	atnnccaggg	ncttgttaat	atnggcnaaa	tntggcnaac	aagnggttga	600
ctcactttaa	aaggtgnaat	aagattttcc	ncatttnttn	aaaaggaacc	tggnggaaaa	660
agntaagggc	caaanccttt	aagncncttt	ncnggnaang	gtttggccaa	atccgggggtt	720
ggngggnncc	aanaatgntt	ttcaggagga	tngggnaaac	tttttttct		769

<210> 4452

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1366)

<223> n = A,T,C or G

<400> 4452

ananaanann	annnnnnnaa	ggnaaanana	nnnnnannnn	naanangnaa	ananaanann	60
tnnanaannn	aagngnttc	nanncttttc	aaagcttgga	aaacgcannc	aannnnnggg	120
aaagcaagaa	agaacagcta	aagnnngncn	cagaganagc	ttttangang	tntangaaga	180
aggaatanann	gnggncaata	nnnnannnnn	ngaaantatc	atganacnca	aatganggan	240
aaggcagcac	aagctgngca	aacagctatn	gngacggggg	ggccggggaga	gnctaaangn	300
cananatnca	atatataagg	actgcatgcn	aagggatacn	aaacaagnan	actnntctag	360
gaagaaataa	ntnttgacnt	ancnnacntt	cataacgaat	agcaccgtac	atcgagncaa	420
ccaactaana	ggnctaagga	aatggcaaan	nacnttaatn	nntgagcnaa	ggaagggngt	480
atngnccnan	anngaaatgc	ntcntaacca	anttttaatn	gtaacggnat	nangatnaan	540
ncntnanccc	acgcaactca	aaaanattac	attanntaaa	aaaganctat	ancaaaacta	600
gtnttcaaaa	tngnacgagn	aatgggnnaa	nantttntnn	ccgggaaaat	tggngagagat	660

```

ccanaaacac tggntnagg naatanatgn ccgcccnaaa aaaccntnac cataggnatn      720
ggctancata gangagatat ancnatnagg ggatcaanan cntaggnatt ngaaaaantaa      780
ncgagttaaa acancnagat nnggnantac gaganatagc ttggacgngt atcaaatcgg      840
accctnggat gggcntangg aaaaaaanaaa aggntngagn gaanttcctc anaggaanng      900
tganagagcn aaanaanatn aagggccttg gngaaaangg aaaaacagat agngtcatnc      960
natatatncn natgananan tggggnaatn taatctacnn tanatnnggg ggaaaaaaat     1020
cnnncatgac nnnaaaanga gntaatgnaa nnatgagaga ttaaacnnat aaaacnagag     1080
aantttgngn aaanctgnga gataaaaaat aaataaatte tntntggaac atntanaccn     1140
tctatnnaaa aaaaagaggg gaaaccatct ngattatgca cananaaatn tnacntngng     1200
gaaataaatn gggnaacaata acatatatgn ggatgtacan tnttgngcng aaaaactata     1260
caacntgaga nnnnacnang atataaagcn nnaggnagtn tatangggca tcatcaangg     1320
gaagntataa agcaactgna nntcatata naaaactgnn cnncaa                        1366

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<210> 4453

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (852)

<223> n = A,T,C or G

<400> 4453

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tgatcctcag gcnnctggga tgacacgtna ancatagaag ctggaggagg nggncngcg      60
cttgntcata atttaaaaaa attaaaaanaa cgcaacagcc gcttttctta atccatatcc     120
cttttaanac acagaggcng gtaatnagtg naatagaaga atgntnttgt ntcttctac      180
ggtagcngtt nttattncac nggnttcttt agcaggactg ttctactcaa cctctgtgga      240
anaaaactnt ccncagggtt gnctaacaca nncagccttt gcttttacan cctgctcttg      300
cctattacca taccactgta tgtnttcttc cacctntgga cnggatggg tattaaactc      360
ttnaggcatn antgatgcaa ctanagtcaa tatgctgtnt ntattaatga gagctcttg      420
gcatccatnt cntgaaagct caantggatn gaattnagnt ngcggganag aggccttntct      480
ttgctcatat nacgctnatg gactggggna ggctnaaatt gcaaagtctg cttttaattg      540
cnetcttgga tcnacccatg aaaaattgga aggcctctga cnaataactg gtggngtcan      600
aaananaaca tttttgacnc nggtcatgnt ntggagaatg aacatcccta aatcnaccat      660
gtggaagacc natttcataa atncattcnt ntaanaaaaa attggnaaat cttntttttg      720
ctttggtngg aacaactttn aangggcttt tgngcaaagt caccatgggt aangggatgg      780
acttgnaatt aaattncccn aaggaattna anggttgggg aaataatncc cctnttaaag      840
ggaaaaaaaa ng                                                            852

```

<210> 4454

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4454

```

tggtttttnn ngnggggggg ttttctaatt gcagtcaann tngntgtcct anncccgntn      60
ccnnggngcg ccnaacttg gaggtggccc gcttcagac catggaggag aagaaagcat      120
tcattnttac cactgaagaa agaccgaatt gcaaaggaag aaggagctta atgccaggaa      180
cagattttgc agttggtggg gtctcaataa aagtttgttt cagtggaaaa taacttttat      240
tgagacaaaa aaaaaaaaaa aaaactcgag cctctagaac tatagtgagt cgtattacgt      300

```

agatccagac	atgataagat	acattgatga	gtttggacaa	acnacancn	gaatgcagng	360
aaaaaaatgc	tttatnngtg	aaatttgtga	tgctattgct	ttattngtaa	ccattataag	420
ctgnaatana	caagttanca	ncaacaatng	cattnathtt	atgtttcagg	ttcangggga	480
gggtgtgggag	gttttttttaa	ttcncggccg	cgggtgccaat	tgcatgtggc	ccgggtcccca	540
cnttttgnnc	cccttttagtg	anggtcaatt	ncgcgcttgg	ccttatcntg	gggtcatagct	600
gtttcctgtg	tnanatnmaa	tgncnttnca	cttttcnnac	aattnaagtn	gcnmnagaaa	660
tccancactg	ncaanttggg	ggcanncacn	gcttgntaaa	tnnggtatht	ttcnaggagc	720
ttttaantan	ntnggntcaa	nggnacaagc	nannttagct	ccatnggctt	ngacctcctt	780
tannaaccaa	aatgnttnn					799

<210> 4455

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4455

gnannngccn	cgnttttgat	tccccttntt	caaatecttt	gnnaatcgcc	ctcncctgttt	60
tgatcccatc	cgattcgaat	tgggcacgag	atggcagttg	cttttgaagt	atatgatgnn	120
ttcctccact	acaaaaagg	gatctaccac	cacactggtc	taagagaccc	tttcaacccc	180
tttgagctga	ctaactcatg	tgctctgctt	gtgggctatc	ngcactgact	cagcctctgg	240
gatggattac	tggattgtta	aaaacagctg	gggcaccggc	tggggtgaga	atggctactt	300
ccggatccgc	agaggaaactg	atgagtgtgc	aattgagagc	atagcagtgg	cagccacacc	360
aattcctaaa	ttgtagggtta	tgcttccag	tatttcataa	tgatctgcat	cagttgtaaa	420
ggggaatttg	tatattcaca	gactgtagac	tttcagcagc	aatctcagaa	gcttacaaat	480
agattttccat	gaagataattt	gtcttcagaa	ttaaaaactgc	ccttaatttt	aatatacctt	540
tcaatcggcc	actggccatt	tttttctaag	tattcaatta	agtgggaatt	ttctggaaga	600
tggctcagcta	tgaagtaaat	agagtnttgc	ttaatcattn	ggaattcaaa	catgctatat	660
ttttttttaa	aatcaatgtg	aaaacataga	cttatttttta	aattgntacc	aattacaata	720
aaaataatgg	gcaattaatt	tttnaaaact	ttttaaaata	gnatgctcat	attttttaaaa	780
ataaaaanttt	tnc					793

<210> 4456

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1095)

<223> n = A,T,C or G

<400> 4456

cgnnnathtt	ncgcgccctc	ctgggaaaat	cnccttgncn	ngtgaaaaaa	cncntgggtg	60
aaaaaccctt	tttgccaaat	tttcgttgna	aaaannntnc	ccccgannnn	gnntttnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnttt	ttttcnnncc	centtttttt	180
tttcngnnnn	nnnnnnnttn	nnnnnnnnnn	nnngnggggn	nnnnnnnnnn	nnnggggggn	240
annnnnnnt	nnngnnngnn	nnnnnnnnnn	nnnnnnnann	cnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnaannnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnng	ggggcggggn	gnncgrrnna	cgacngnana	nnagnnacna	cngaananan	420
nagnnnnnnn	nnnnnanaaa	annnnnanag	nnaanacgna	gnaanaanaa	gnnnnaanaa	480
ngannnacgnn	nnacanannn	cnnanaaann	nacaaacnan	acaanatana	nanncncnag	540

annaananac	ncnagaanaa	aannaagaan	nnaagcnngn	nncgnaanan	ccctaacnca	600
nanngaaagn	acngananan	nnccgagann	aanagnnaag	aaagnaacan	agnngnnaga	660
ngagaaagac	nannagaacn	anaanganan	angcannng	cncncnctna	naaanana	720
nnatananga	tnnaancgnn	ganagnaann	acnagnncga	cgcgnnngan	anngaacgga	780
nntcgnnnnan	gggnnaanc	acnnncncaa	caagnanang	cgagagtcaa	nanncanann	840
nanancngaa	nannannnag	nngnaanana	nanacanacn	anaanangnn	nanagacaga	900
ngcanganmn	ngcgcnanna	gnagnagagn	nnatnangnn	tananaagnc	ananacgaca	960
nnanaacgtn	acgccgnnncn	ananangaga	nnnnganaan	acgngagaga	gnagaanagn	1020
acanaganan	agcnacgnnn	gacagcanaa	acganncnan	aagcggnaaa	tanngangcn	1080
agnngnnnga	cagcc					1095

<210> 4457

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 4457

tttnttcctt	cctctaatacc	ttttanccgc	tttctgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	tcctccaaga	gtttggggcg	cggacnnnag	taccttgctg	gcagttatgt	120
cgcggtntgt	agtgtntgtc	atttcgcggt	tcttacaaca	gtacttgagc	tccactccgc	180
agcgtctgaa	gttgctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc	240
acggttactg	tctcctcgtg	gggaccttcc	ccttcaactn	ttttctctng	ggcttnatct	300
cttggtggn	tgagtttnat	cctagcggtt	tgctgataa	tacngatcaa	cccacngaac	360
aaagcngatt	tcgaaggcgt	ctgcccagag	cnagcctttg	ntgannttct	ctttgccagc	420
accatcctgc	accttggtgt	natnancnta	ggtgncgtga	tcattctcan	ttncntaatt	480
gangagtang	anactaaaag	aatgttgact	ctttgaatct	gctggataag	agactngaga	540
tggcagctta	ttggacacat	ggattttctt	cngatntgca	cttactgcta	gctntgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtnacaac	aactntctaa	cnaacattca	660
ttaatccann	ngannccctt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nntgccactt	ntggcaaaaa	aat				744

<210> 4458

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4458

tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatatata	60
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	120
tacacatgtg	tacccatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	180
tgtacccata	tacacatata	cacatgtgta	cccatatata	catatacgca	tatgtgtacc	240
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	360
tacgcatatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	420
atatatatat	ctatatacct	acatatatat	acacacatat	atatatacct	ggatcatttt	480
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	540

ttgatggtgg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	600
gcacaatgca	ttaattactc	ttgggggttg	ggggcatggc	tgggtgtaaac	aaacctacca	660
tgctgncagt	nccataaaca	tatagcatat	ataggggtata	tattataactt	naataataac	720
tatggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctctac	780
ttttttccaa	aagtactnta	aaacanncn				809

<210> 4459

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4459

agggccagtt	tgatcattcc	aaagatgggt	ggttagggcc	cgccctatg	ccagctgtca	60
caaagcggca	aatggacact	caagaaccaa	gatgatata	acctccatca	agacagctcg	120
gaaaagtaaa	agggcatcag	ggctgaggat	aaatgattat	gataaccagt	gtgatgttgt	180
ttatatcagt	caaccagtat	taaaggcctg	cctgatatac	aaccctcgaa	tgcaacacag	240
tgctcttctg	aggccactct	aaaggccagg	aaaggtttgc	taagaagtct	gtgctgttaa	300
aaacagaaga	aaaagacctt	tatcccattg	ctctgtgtct	ggtggctata	gggatagtat	360
ttcataaaaa	aagaaaggca	aaaataatth	tcaaaaatga	ttcaagaaat	gctgtcaaac	420
atagcaaaa	aacagagtcc	tcagagaaca	gtgcccagga	caggataagc	actcaataac	480
atataacact	gggtaaatgct	tggtgagtgc	tggtgggttg	ttgagtgtca	nctattgggtg	540
gagtgtctgt	tggtgagtgc	taactgctta	ntgctanctg	gtgnttgagt	gcttgggttg	600
ttgaagtgcc	tnncttggtt	gggtgagtgc	ttgttggttg	aaatgcctac	ctgggtgggt	660
ganntgattg	ttggttgant	ngctaaccnn	ttgttttnatg	cntnctngtt	gttgaatngc	720
tttgtngttt	aaagctaacn	tggttnttgn	atgctttgtc	ctggcctggg	gcccttnttt	780
ttaccccttt	gatgtncat	ttnttccatt	taactttccc	caattncctt	ntttgggnnc	840

<210> 4460

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (980)

<223> n = A,T,C or G

<400> 4460

ttcctaattc	tnggctctcg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aagccnaatt	gaattgtggg	aacaggaaca	ttcaaaggca	tttatgggtga	atgggcagaa	120
attcatggag	tatgtggcag	aacaatggga	gatgcacga	ttggagaaaag	agagagccaa	180
gcaggaaaga	caactgaaga	acagccaggc	tggtcttgaa	ttcctgacct	caggtgatcc	240
acctgcttcg	gccttccaaa	gtgctangat	tacaggtgtg	agccaccacg	cctgggcta	300
tttgnatttt	tagtntaaat	gggggttntt	ncaaagcttg	gnctttgaan	ttncccaanc	360
ttcangngng	aatncccncc	ncccttttgg	gcttcccccn	aatgggcttg	nggantttcc	420
annggccntt	taagcccaac	cnttngcccc	cnggnccctg	aatngntttt	ttttgaaatg	480
gaattttttt	taaaaaaatg	gggggttttt	cnaggccatt	tttaaaaaaa	cccntttana	540
acttggtatt	ttttaaaatt	attattttta	aatttccttt	ttttaaaaac	ctccaaattn	600
ttaaatgggt	taaaatatth	taccttggtt	anccaccttt	aacttaagcc	tttttcttgg	660
aaanggtttg	ggtccntttg	gagaatnaag	aatttggaaa	aaatggacca	ggttttngttt	720
ggattttttt	tgaagggtaa	atthttacccc	caaaatthta	aattattatg	gtattgtgggt	780

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accnttttgaa aaaaaaaaca tntntntannn cttntntnct ctaannccn cttntntntat      840
aaaaaaacct ncnnggggcc cttttaaaaa ccttttttgn gggngggtcc ctttttttac      900
cngntanaat nccccnaacc ttngatttan ggnnanncc tttgnttgaa atttttgnnc      960
aaaaccccc aatcttttgn                                     980

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<210> 4461

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4461

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tgggnnnnnn nagngtnggc ttttcttatt ntggctgtaa ccgntngnag cncgcacnca      60
aannggctgg gncgaattcg gcacgagggt tggaacagca gcactataca tgaaatataa      120
accaaanaac tttactgttt ctaaatttcc tagattgcta ttatttggtt gtaagttgag      180
tattccacag aaagtggtaa ttatctcttc tctcttcttc cattagaaaa ttaggtaaat      240
aatggattcc tataatggga gcatcaccac ttattaaaac acacatagaa tgatgaatta      300
aaaaagtttt ctaggattgt cttttattct gccacattta ttgataaaca gtgaaggaat      360
ttttaaaaaa tttttaagaa ttgtttgtca cgtcattttt agaaatgttc tacctgtata      420
tggtaatgtc cagtttttaa aatattggac atcttcaatc ttaaacattt ctatttagct      480
gattggttct cacatatact tctaaaagaa acttttatgt tataagagtt actttttgga      540
taagatttat taatctcagt tacctactat tctgacattt taggaaggag gtaattgttt      600
ttaatgatgg ataaacttgt gctgggtgtt tggatcttta tgatgctgag ccatgttctg      660
cactgggtgc aatgtctaataa ataatntat atttacacac ataccgtgct acccagagat      720
taatttantc catangaacc attgacccat tgttcattga c                                     761

```

<210> 4462

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4462

```

gnnnnnnnnn nagngtttga antcctcctt ngaaatcctt tggcnactcg ctctttntgc      60
aggatcccat cgattcgaat tcggcacgag gggcaatgca gttataatac tgtgttaatt      120
tcagacatct tctggtcttc cgagccttgt atttacatac tagctgaaac tgcaagtggga      180
aatgaatgga gctgatgata tttgccttat cctaattttt ctgtgaggag gagaaaaaca      240
cttgtgcttc aaataagcag atgtgaaaac acttctcact aatcaaaatg tttaccacta      300
ggttatgaga gtctgcctct cataggcagt gaatctgata tgtatactta gtaatataag      360
tctatttagt ttgacaaaac cttagagcag aatttttgca gcttagttca ggatgatcac      420
tagcaatgcc aaacttcatt ttttattgaa ctgggatcca agaaggcctg ctgtgtctat      480
ttcagtatag actctcatat caatatattt atgctccaag tcactacacc cagaagtgat      540
gcagtggggg aaatgcaaag acaacatcac tgtaagattc acagaatgga tcttttgtaa      600
aatattttat attgacttaa ggaaaacctt tcattgggaa ttaattaaat taagtctcta      660
atatcctgga agacagtaaa aantnaagcn ggtgntctca antttgaacc cggcnattng      720
naatttcatt ataggaattt ctgaaaataa tcc                                     753

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<210> 4463

<211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4463

gcgtcccntt tcaacnttgc taatcgctgg ctatcgttct ttctgcagga cccatcgatt	60
cgaattcggc acgagggccat gggccgcgcg cccgcccgtt gttaccggta ttgtaagaac	120
aagccgtacc caaagtctcg cttctgcgga ggtgtccctg atgccaagat tcgcattttt	180
gacctggggc ggaaaaaggc aaaagtggat gagtttccgc tttgtggcca catggtgtca	240
gatgaatatg agcagctgtc ctctgaagcc ctggaggctg ccggaatttg tgccaataag	300
tacatggtaa aaagttgtgg caaagatggc ttccatatac ggggtgcggct ccaccccttc	360
cacgtcatcc gcatacaaa gatgttgctc tgtgtcgggg ctgacaggct ccaaacaggc	420
atgcgaggtg cctttggaaa gccccagggc actgtggcca ggggttcacat tggccaagtt	480
atcatgtcca tccgcaccaa gctgnataac aaggancatg ttattgatgc cctgnnncag	540
ggccnanacc nagtttntctg gccttnntan cntanngatn ttngaganaa gtntcatttt	600
aactttntctn tgnctatatn ncaanggttt tanntttngt ngantgaaaa agcgggcttc	660
atcccaagat ggnetgtggn ggtcanagtt ncattccna gtngtnnncc cttntggana	720
anttggtctg ccccttgac tcattgacgg ccttcncaat tgggtgctna ncccccttt	780
taatttcttt aatcnaatnn actttattac ctttncctgg ctctaancct aatnntctca	840
tctncatctn taatntctna cactaccnan nttttnttca ntattccent cnaacctnat	900
caaaactttt ncg	913

<210> 4464
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1274)
 <223> n = A,T,C or G

<400> 4464

tttttngggg ggggttttttn nnnnnnnnnn ggggggnnttn nnggggggcn gnttttttnc	60
ttaaaanagn ngactggnnn ngctgaaaaa ctcgggcctt gggggannnn gnccccccnc	120
gaaaaacanc agggaaaaaa angggggggg ctgggggggg gggnnnnnnn nnnnnnnnnn	180
nnnnnnnnnn nnnnnnnnnn nnggnnnnnn nnggnnnggn nnannggnnn nnnnnnnnnn	240
nnnnnnnnnn nnnnnnnngg nnnnnnnnnn nnnnnnnnnn nnnnnnangn ggnnnnnnng	300
nnnnnnngnn nnnnnnnnnn gnnnnnnnnng nnnnnnnnnn nnnnnnnnan cnnnnnnnnn	360
gnngnnnnnn nnnnnnnnnn nnnnnnnnnn nngnnnnnnn nnnnannnnn cnnnnnnnnn	420
nnnnnnnnnn canaagggnn nnnanncnnn nnnngnnnnn nnnnnngnc nnnnnnannn	480
ngnnnnnnnn nnggnaaga angnnncnna cgagnnnnnn gannnacgan nnnngnnaan	540
cnnnnncnag ngccgnatna gancacgaat ngngagagg ancngannan gnnngnnnnn	600
ggnaangnn ncnnaanga annngnacca gnnnggannn cnnnanngga ngncnnnagn	660
nnngnnnggg nnncnnaac ncnnnggggn nannanngna nannnggnnc tnnngggnnn	720
nnnnnnnnnn nnnnnnaann nnnnnnnnnn nnnnnnnnnn cnnnggnnnn gggnnanann	780
nnnnnnnnnn nnnnnnnann nnnnnnnnnn nnnannanng nncannnnnn gnnnnnnnnn	840
nnnnnnnnag gnnnnnnnnn nnnnnnnann ngnnnnnnna nnnnnnnnnn nnannnggnn	900
gnnananann nnnnnnnnnn nnnnnnnana nggggggnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn nnnngnnnnn nnnnnnnnnn ntncnnnnna nccnnngnn	1020
ngnnacaann ncnnctngnn ggnetngna ngnnncncaa nnnnnntnnn gnnnnnnnnn	1080

tnngnngncaa	ananggggnan	annnantnnn	nnatgggngg	gggacnnaan	tnnccnccct	1140
nattcaanna	ntggnggaaa	aaactggngg	nnnaanantn	aaaccccgaga	nnggcnnaaa	1200
ntcattccctt	accaaaaggg	ttangacctg	gnaancctng	tgggcnanaa	aggtnctnaa	1260
acattcntttt	nanc					1274

<210> 4465

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1039)

<223> n = A,T,C or G

<400> 4465

atggnnnnnn	nnnnnnntttt	ttttggaaaa	aaannneccc	cccttttttt	ncctnaaaaa	60
attgggccnt	tttggggcaa	aaantttngg	ccctncttcn	tnctttgggn	tnntgnnnat	120
ncceccnatt	cggnattttt	nccggaaaat	ttccggggcc	naccggnagg	gggnattagg	180
cccttttnana	nagncceaaa	nggtntntta	cccaaagggg	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	360
aggntntaaac	tgggaangga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcatcc	tcgatttata	ttgcaagngt	ntcaaangtg	tactggnnac	480
acaaatagaa	acactgccaa	cttgggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcatgatcaa	ttttntgggt	atntattata	ctttgattec	600
taaattagtn	catecttgaa	tctatgaaac	tgggtgcagtc	attatgcccn	naaatnttct	660
naaaatatat	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgcagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatatgtaat	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnnnttc	tgattttgga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cccttnaaaa	aaanncttat	1020
ttnggctagn	aaacctnnc					1039

<210> 4466

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (931)

<223> n = A,T,C or G

<400> 4466

ggaagcgggg	gggtacgttt	tncaaaaggn	ntttcaatng	cnggtgaacg	cccctaaana	60
nnnanccatc	ganacnaatt	cggcacnaag	ggcttccggn	taaaccantc	angggtatnc	120
cnatgnntaa	gncatcctng	gnngnntat	aacnggnccc	attcanctgt	nanatananc	180
ttcnanantt	ntcnacanng	gnnnanattt	tnnntctgca	atnnnanagn	naacctnttt	240
nnnnnnnnnt	aangaggcag	nnagctacct	ttgaangaac	tacttgnaaa	cntnntnttg	300
naattcaang	nnaanccttc	ttntnttcna	nntnnttant	gttgcnnnnn	netcaantcg	360
tatnnncatg	ngggctccca	tcacntnttt	acttataant	antngnttan	aaannntngn	420
cctantatag	ggnnatnctt	nttnnnnann	nnnttccntn	caaateccaa	tctngnaang	480
aattnnccnt	ttctgnaatn	caattattna	angannaatn	gntnnnctan	tncattnann	540
nnctantant	ttcnncnnnn	nnctttgnaa	ttcnctttat	accantaaa	tngtactnt	600

taatnaggat	tnanagtacc	cannttgent	ttnttncaca	antntaanen	ntgcattatn	660
taaaatcann	naagncgana	aattntntnc	naacccccng	cnncaaanta	ccnattttcta	720
atanngaent	annngnnnnn	annnccctaa	nannatatac	nanatntntt	nccnnacant	780
ccnagagtag	aantccccct	nntcacacnn	ntctctanta	cncntnaatt	ttcnntacan	840
atataaanta	ntttntctna	ttaangnnnn	ntnnaaantt	ctancnaann	tanattancn	900
ancctctnan	ataatcnttt	ttnnngnatn	c			931

<210> 4467

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 4467

cnaatncttg	gctactcgct	ctnttgcagg	atccnttttg	acgcntttgn	acgnccgtat	60
nottcaacca	atgtctagt	cacntatcct	ntntaaenca	naattctcaa	accagnttt	120
acaacattgg	gtaggatnct	ataaagngct	aatcntatct	tggatnatga	cgaattttgc	180
atgctaantc	tttgnancnn	gtcncccccg	aagntgentt	acatgtacag	attcgtgtaa	240
ccacgtgtaa	ccacataaaa	ctnatgaaca	caaagtcctt	catgctacct	tctatgctta	300
cactcnancc	aaacctaach	ctgccaacch	ctnntctecn	atcaggatca	ttncntcann	360
tcatgaatnn	ganagaantn	aaattgtntt	tgcacatggt	atntataaat	tttatatnga	420
taagccatnt	gaatgcttat	ngatagagag	tctgtgagct	cntggcattt	ctggcactna	480
gcanattacn	cctaaggntt	atatgagtag	annaanagnt	gtattancat	nanntntnac	540
caccatgnat	cngacccgat	gaaannnggt	nataatntgag	agtngtgtac	aggatttnat	600
gtgnaaatte	gnatnnatct	ancgatgaga	natattgcac	tgtnttccch	ggtcntaach	660
gccctggnat	naaanatgcc	ttgggaaaaa	tgttatcaaa	nnaacntnna	ncagcccnan	720
gggnaaaaaa	cnnangaant	tcagaggcnt	cntngnacca	antntggagg	nnnaaaaanac	780
cngggncncc	tgganantaa	ttcc				804

<210> 4468

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1116)

<223> n = A,T,C or G

<400> 4468

tantacntan	ctnancntn	tggcntnagt	ccgtccncta	tcgcntgtng	cttaaattac	60
tgnccgctta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccctn	agcaaaatcc	120
ccttttggca	gctggcggta	aaancaaaaa	ggcccggaacc	gateggcctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcngggc	ccaattaaac	240
cccgcccggg	gtggtgggtg	ggttaacccc	gccaaccggg	ggaanccggg	ttacaacntt	300
gggccaagcg	gcccccttaa	accggcccc	ggctttccct	ttttcggent	ttttcntttt	360
cccccttttc	centttttct	tccggcccc	accggttttc	ggcccccggg	genttttttt	420
cccccccggg	tcnnaaggc	ccttcnttna	aaaaattccg	gggggggggg	cctttccccc	480
nttttttaaa	gggggggttt	nccccgaaa	tttttnaaaa	ttgggccttt	ttttnaaccg	540
gggggnaanc	cccttttggg	aaanccccc	ccaaaaaaaa	aaaaaacttt	ttgggaaatt	600
taaagggggg	gtnggaaatn	gggggttttc	caaacgggtt	naaantnggg	ggggnccccc	660
atttcggggc	cccccttggg	aataaagnaa	accgggggtt	tttttttttc	ggcccccccn	720

tttttgggaa	ccggttttng	gggaagggttc	cccaaccggg	ttttcctttt	ttaaaaataa	780
aggnggggga	acttcctttt	gggttttccc	naaaaacctn	ggggaaaacn	aaaacaacct	840
tttaaaaaacc	cccttaattn	tttcnggggn	ccnaatttn	cnttttttgg	gaatttttnaa	900
tnaaaangggg	gaattttttt	ggccccgaan	ttttccgggn	cccttaattn	ggggnttaaaa	960
aaaaaaaaatg	gaaagcctgg	aanttttnaa	accaaaaaaa	aattttttaa	ccgccgnaaa	1020
nttttttnaac	cnaaaaaata	nttttaaacy	gccttttnaac	naaaattttt	cccttggaag	1080
ggccngggggg	gnaaaaaaa	aatttttttt	tttttt			1116

<210> 4469

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4469

aatncnagct	ctcgntcttt	ttgcggatcc	catcgattcg	ctagtctcgag	tttttttttt	60
tttttttttt	catgaaaata	tagtcatcaa	atttattttc	attgggatgc	cattttttga	120
agaattccta	agactaatgt	ttcttgacat	gcaagagtta	gcattaatag	cttacgttac	180
tataaatact	gctgcttgga	agcagtacaa	ctgttttaga	gttttaagac	tacagacttt	240
cattactcaa	atcttattca	gtaaatgtaa	aaatcagaag	gttctgaaca	gctgggttagg	300
aaggtagcca	agatgcagga	aagatgtctg	cgctccttt	tcaagggcag	ccaactnttg	360
aacagtaggt	gccccaaaata	tccacatggc	ctttatagct	ttcaccacca	gcagcccttt	420
tntgaccgta	ggtaactttc	ccatcaaatt	catccactgg	tacctttata	tccggntnaa	480
cctgagaaat	ggtncagttc	aggngttctt	ctatctcaga	tagtaactgc	atctcgttgt	540
accatatggg	caagcctcat	cttccttgag	tcttggggta	taacaccctt	ttccacggnt	600
gctacataca	tggnaccnaa	ccataaggaa	caccnggat	atcaattcct	ntagcagntc	660
atctgngcaa	atcaagaatc	tttacatctc	cttcttaaan	cttttccaag	tttgcccttc	720
tctcatgggc	cattgggaaat	ttctcaaaat	aatgaccagg	ttttct		766

<210> 4470

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 4470

annnnnnnnn	annnnnnngnn	ggngnnnnna	nnnnnnnnng	aannnnnnnn	nnnnnnnnann	60
annnangggg	gnnaaacnnn	nnnnannnnn	nnnnagnttg	aattcctaaa	gccaaaccnc	120
nnntttggca	ggaagcannc	agnccngggg	tccgcaacgc	nggnaagngg	acagnnngga	180
aaanaaatnt	ttngcagaca	aggatgtcaa	ggngngnggc	ggnggnataa	cacnccggcaa	240
gtgggacagc	nttgaacaan	aacnagnagn	cgncnggaac	ngcctaaccg	gagccnanng	300
ctcgaanaag	gaaataagga	agccacangg	nangcagacc	tactganac	atgaaccag	360
cgcanagggtg	gcgganccngc	ncnaaangac	nagagaggca	nagngaaaaa	anncatnaat	420
gccngncnng	agaatgaana	acagcgctac	aacaggcatg	nggatatggg	aaacaacnan	480
tggggacnag	anacnnaggg	aangnacggg	annaaaaaag	ggggggantt	naanncnccg	540
angggggng	cgagnacnca	ntggaaagaa	agggaagaca	ntncacggaa	ancnganctg	600
acaaangatg	aatangnggc	cacagggagg	aagggaactg	gcctgagagg	gaanaaanog	660
gnacnnaang	aanggaaccc	agggccaaag	gcaccaanaa	gaaaaaancc	ccngaaaaaa	720

aganggggna ntatgngcct	ggggggggna aaagcccacc	aanttaaagg canaaaaagg	780
gggggnaaaaa acnctggnt	nncaancaan aagggggggc	ccncccgggg gggggnnccc	840
ncgaaaaanaa aaacnggggg	ggggnttnan gngggngggg	nncncacccn ncccnngaaa	900
aaggggggca aaaaaaaac	cccccn		926

<210> 4471

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 4471

acaccttggg tgcnngcacc	gcattnanaac ccantcccac	cacannncan gagcnngtng	60
nnenctnttg gagngggcnn	agngatgncc cgaatccgtg	ggctactagg gagccctcac	120
ttgggctacn ggggtggaggc	ccatgatatt gnggcctcaa	agatgttatg attcacctcc	180
atcaannccc ngaantgaat	aattcttcct atcanttaat	nanggtgatt acccagnaga	240
atgccattnc ggtntgcntt	ggtatttnac aaaaagaanc	tgggggaacc acttgggtgt	300
gacattttat ggggttnaaaa	taatgatctg gnaaattgcc	ccggatccnc catgggggaa	360
tgatagatcg acaaggtcta	cttcattggg ggagatatga	ttaaangaag ncnatggcca	420
ttgnggttng gaaataatcc	ananggantt ncanccaatt	actgnaaaaa aanttnnttg	480
gaagnggnca cccctaaaaa	tctntcccag ttnttagagn	ataccntta cttccttaaa	540
naagggattt gttgaaanng	ncanttttnc aaatntaatn	ccaaacanag gncnaccctt	600
aatnaccntn gccaaagnag	cnngttttgn ngatttttcc	caaaagggag naanattcct	660
ttccngnntt tggcgaaact	gtagnanaat tcccnntttt	gnggtgggcg gnnnttagcc	720
cnntttctaaa aaaanggang	ngaacccctt tgtgntttcn	tattccagag cccgctnntc	780
ctcngtaaan aananaaata	aangnccant tnttttatnn	anagaaattg ggncccaatc	840
ttanggacnc tttttgtggg	aancttatna ttcccnaca	tacacaaaaa aaacancctc	900
nccgnccctt ttnnnaactt	tncg		924

<210> 4472

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

<400> 4472

ttcagaagaa cgcacagatg	aaatgacaca taaagaaaca	aatgagcang aagaaagatt	60
gctcgcccag cttcttcact	aaatcatccc gcagcagcag	ggactcggtc tagcaaggcc	120
atcttggtgc cggacctttc	tgaaccaaac aatgagcctt	tattttctcc agcgtcagaa	180
gttccaagga aagcaaaagc	ttaaaaaata gaggttcctg	cncagctgaa agaattagtt	240
tcggatttat cttctcagtt	tgtcatctca cctcctgctt	taaggagcag acaaaaaaac	300
acatncaata agaacaagct	tgaagatgaa ctgaaagatg	atgcacaatc agtagaaaact	360
ctgggaaagc caaaagcgaa	acgaatcagg acgtcaaaaa	caaaacaagc aagcnaaaac	420
acagaaaaag aaagtgcctg	gtcacctnct cccatagaaa	ttcggctgat ttcccccttg	480
gctagcccag cttgacggag	tcaaagagca aaccagaaa	aactacngaa gtgacaggga	540
acaggtcttt ggganggacc	agaaagaaac tgtntttctt	ttnccaaagc anaattttac	600
gccaaanaaa aatgcttggt	antttttttg gggaagattt	ttaatgtacc cccttntttg	660
gtaaagggtca ntcaaaaaat	aggtggnggg gattanttna	aaataatntt aanttttggg	720

naagnaaaaa	ataanttttn	tttttnaaan	ttntttgggt	aaaaattttt	ttntgggttaa	780
aacaagaaaag	gggcttttca	anttaagggt	aaaggtnaac	cttcccntnt	tgngngngng	840
aattgggttt	caaattcccn	cgggccaaaa	nnntcccta	ntttttaata	ttttaaanac	900
tt						902

<210> 4473

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4473

gnnnnnntttc	naatnccttt	cctaatacna	gctctcgttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgaggac	ttctgaagaa	catgaagcaa	gcagaagggg	gaaagcggag	120
ctgctgggttc	agatggatgg	tggtggaggt	acttctgaaa	atgatgaccc	ttccaaaatg	180
ggtatgggttc	tggcagctct	aattttccct	gggatataga	tgaggcttta	agacgacgcc	240
ttgagaaaag	aattctatatt	cctttgccgt	cagcaaaaagg	cagggaggag	ctattaccaa	300
taagtctacg	tgagttggaa	ttggctgatg	atgttgacct	tgcaagtttn	tcagaaaaca	360
tggaagggta	ttcaaggnc	ggcatttcca	acgtgtgcag	ggatgccttc	cttgatggca	420
atganaaagc	ncnttgaang	ttttgactnc	caggaaatcc	naaatctttt	cnaagaagaa	480
atgcncatgc	ctacaactat	ggaggatttc	nagatggcct	tnaaaaagg	ttctaagtca	540
gtgtctgctt	gcagacattt	gaaaagatnc	cagaaatgga	tatttgagtt	tggtatcatgc	600
taaattctcc	atgtnaactg	tgagaaatgt	gcccttaagt	ggtttgaata	ttaaatgccc	660
gtaattcatt	ggactggagt	gcttatattt	ttttttaact	ttcattaatg	gtaagaattt	720
tttttaaaaa	aaanccctta	tgaattcttg	naataaaagg	ccaatatttt	ttnaagcctg	780
gaaaaaaaaa	aagccctntt	agaaactntt	tgtgga			816

<210> 4474

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(878)

<223> n = A,T,C or G

<400> 4474

ttcctaattnc	ttggttctcg	natctctgca	ggatcccttc	gattcgaatt	cggcacgagg	60
ggggaaaatg	acagaggaaa	aagagaaant	ggancagana	aaaatagtgg	aagaaatnat	120
agctaaaaaa	ttcagaattc	agtacangt	agaaatttac	agatatcnga	tcatatgctc	180
aagaaacacc	aatgngaata	aataattann	antcccacgc	tggttcttgc	aaactttttg	240
aaaaccaann	ttgaanagca	aatnttgnaa	gcacatgata	aaagccatnc	cnnnaatnat	300
ccagtttaatt	ggcttgactt	cttactggaa	accctttnnn	accanaaacg	gncttggaat	360
aaacnttttc	aagggttctt	ntaaagaana	attcgnaaaa	ntnttaaccc	ccaatttttt	420
ttttttttta	nttgaaagac	ncncttntg	ttcccagggt	tggnagtttc	ccnttccgnt	480
gcccngcct	tangnnaact	tttttgagg	ggganactcn	tntgactttt	nncccnnggg	540
nfnnncttt	nttncctng	cccnntttcn	tnnttttgac	ntttttntgn	gcnnntncang	600
gcnttnaann	ccnttgaccc	ccttcnaant	ncatngngng	gaaacngggg	ntaannggca	660
tangctcttt	tatttaagaa	agcaccnncn	naatccccct	aaacttttct	tnaattnacc	720
cttttnggga	cccccttagg	ncngcttnnn	tgntttaccn	ngntccncca	aanttncnaa	780
cttggnaaac	ntntttgnaa	ntccnggggg	aatataggna	cctttggaat	ttttaaannc	840

ancctnantt ggcnnccct ttgggccttt anaaanct

878

<210> 4475

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4475

gngnntntat	agcangctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtcaaggct	cagtcgccag	catttcccaa	cacaaagatt	ctgaccttaa	atgcaaccat	120
ttgaaacccc	tgtaggcctc	aggtgaaact	ccagatgcc	caatggagct	ctgctccct	180
aaagcctcaa	aacaaaggcc	taattctatg	cctgtcttaa	ttttctttca	cttaagttag	240
ttccactgag	accccaggct	gtaggggtt	attggtgtaa	ggtctttcat	attttaaaca	300
gaggatateg	gcatttgttt	ctttctctga	ggacaagaga	aaaaagccag	gttccacaga	360
ggacacagag	aaggtttggg	tgctctctg	gggttctttt	tgccaacttt	ccccacgtta	420
aagggtgaaca	ttggttcttt	catttgcttt	ggaagtttta	atctctaaca	gtggacaaag	480
ttaccagtgc	cttaaactct	gttacacttt	ttggaagtga	aaactttgta	gtatgatagg	540
ttattttgat	gtaaagatgt	tctggatacc	attatatgtt	ccccctgttt	caaangctca	600
gattgtataa	tgtaaaggt	atgtcattcg	ctactatgat	ttaatttgaa	atatggnctt	660
ttggttatga	aaacttttgc	agcacacttg	aaaagctgnc	tgtggatcat	tgng	714

<210> 4476

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4476

ggttcancga	atgcctgtgg	aanccgccct	tctctncagn	agcccntcga	tncgtmntga	60
actatcaact	agatcnggga	agatagaaca	ggcntttttt	ncatngcctc	gttnacaaag	120
ngtcatcacg	aaaagtgttc	ctctaggaag	gcataatatg	tgccngatg	gatgtgatga	180
gtagattgta	aaagggttgg	gattctggca	gaacangaan	agatnactna	attattggaa	240
tcaactgaga	aaagagnmca	ttagcatgcn	ggctaataga	ccctaataana	acnggggtgtg	300
aaaagatggg	atctggacct	agaggcagtc	ttagagccat	aatnctngat	ttctncttnn	360
ngngaaagcg	acaggtactt	ntggnctgag	gccataaatc	agntntatcc	taaatggaaa	420
actatatncc	actgggggatg	gtaatcacc	tttngataag	aaagggtaga	anccacaatc	480
ttcaacagaa	atggaaactta	tcaatntaat	tnaagaatcc	tcaacagtac	anttttaagg	540
nnatggaacc	ccctgtgna	anccangtt	ccnactgcc	nngcctnanc	aatcctatta	600
tnactgatta	gcnnganaaa	agaangcngc	anccnttnc	naatttttcn	tttancnnn	660
ggnantnccc	ntgaaaggta	ancccttnt	naaaggggga	aattcnaccn	nanggaggen	720
nnnnggcnnng	gngaaattnn	ccttgaaccc	cccnaggcan	aaangttgct	tnntancccc	780
agancc						786

<210> 4477

<211> 723

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 4477
 gcgntctaat gnnngctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
 ggaagctccg agtacctgcg tgccctcttt gtctacgaga agggggctcg ggtgcttctg 120
 gttccagaca ataccttccc cttgggctat tacctcatcc ctttcacagg gattgtggga 180
 ctgctggttt tggccatggg agcagtaatg atagctcggt gtatccagca ccggaaacgg 240
 ctccagcggg atcgacttac caaagagcaa ctgaaacaga ttcctacaca tgactatcag 300
 aagggagacc agtatgatgt ctgtgccatt tgccctggatg aatatgagga tggggacaag 360
 ctgcgggtac tccctgtgc tcatgcctac cacagccgct gcgtggaccc ctgctcactc 420
 agacccgga gacctgcccc atttgcaagc agcctgttca tcggggtcct ggggacgaag 480
 accaagagga agaaactcaa gggcaagagg aggggtgatg aggggagcca agggaccacc 540
 cttgctcaaa aaggacccca cttttgggtt ctagccccac tctttccacc ttctttgggt 600
 cctttagccc cagctnccct ttggtttttc ctggggcctt tnaacagatc cccactgtc 660
 ccttctcttt tncctgtaa tcttgggcta ataaccccc acaacttaca cctttggggg 720
 acc 723

<210> 4478
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4478
 naatagcagc tcttggtctt tttgoggatc cctcgattcg aattcggcac gaggctgtcc 60
 actccagttg ccttggcta agtttagcct aacacacagg gttttgacct atagttctaa 120
 aatacacaaa ttttgagact acagcacttc tttggaaaga ggaagaatgc aaagttcagt 180
 atttcaatac tttgtatttt acttgaaatt acccttagta gcattctttt ttctctgtct 240
 gaaagctttt gtgtggatga gaaggacat ttcatttctt ccttaacaa agtgtcattc 300
 tgaggttctc atgtgtgttt ttggaaatag agatactggt tttgtagagt ttgcctttgg 360
 gtatgttntc ttttttctt aaatctccaa ggaagagaac tgactaaaat agtaggaaca 420
 tgaaagtatt aaatgccaat taatttggtg tagtaaagta tcttcattag cgttatactc 480
 catcatatct ggtgtaaact gtcacagaa aaccctatga aaccaaaggg ggaccattca 540
 ggtctaaaaa gcgacaggtc ccgagactgg gtctgtcacc tgggcatttt caaagaggac 600
 attttggaag aatttgcata ttcagatttt taaaatgcac ttaacatact tcattacaga 660
 attcttgggt agggangatg ggataggcca nggatgggat ggaatcagtc tgccctgggaa 720
 cttaatnccg aatcatttan ccttctggat taacccttgg ncng 764

<210> 4479
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4479

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gaggaaatca gtacgctgag gggccaagtg ggaggccagg tcaagtgtgg aggtggattc      60
cgctccgggc accgatctcg ccaagatcct gagtgacatg cgaagccaat atgaggtcat      120
ggccgagcag aaccggaagg atgctgaagc ctggttcacc agccggactg aagaattgaa      180
ccgggaggtc gctggccaca cggagcagct ccagatgagc aggtccgagg ttactgacct      240
gcggcgccacc cttcagggtc ttgagattga gctgcagtca cagctgagca tgaaagctgc      300
cttggaagac aactggcag aaacggaggc gcgctttgga gccagctgg cgcatatcca      360
ggcgtgatc agcgggtattg aagcccactg ggcatgtgc gagctgatag tgagcggcag      420
aatcaggagt accagcggct catggacatc aagtcgggc tggagcagga gattgccacc      480
taccgcacct gctcgaggga caggaagatc actacaacaa tttgtctgcc tncaaggtcc      540
tcttgaggca gcangetctg gggcttnttg ctgtcctttt ggagggtgtc ttcttgggta      600
naagggatgg ggaaaggaaa gggaccctta ccccccggnt ntttttcttg accttgccaa      660
ttaaaaaatt tttggtacca agggaaaaaaa aaaaaaaaaa aaaactccan ncctnttaaa      720
actattagtg aggtcgatatt accttggaat ccnganattg ataagaatcn nttgatgant      780
tttggncaa accnccactt tnaatgcccn ggaaaaaaa tgctttnttt gggnaa      836

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<210> 4480

<211> 1174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1174)

<223> n = A,T,C or G

<400> 4480

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ttttttnccc tttnaaaaaa antttggggc ccnttttttt ntttttcctt naaaaaanttt      60
nggggncccc tttttttttt nnttnnnntg ggnctatng ggnaaattcc ccccccnaat      120
tctgttaaat tttttccggg cccgggaaaa aaggtttccn ttttcngggg gtttcccccc      180
ncgggcncaa cntttccggg tttttcctt tgggaaatt tctttccggg ggggttncgg      240
ggaaaccccn ttttncccaa aaaggttttc ccccaagnaa attccccggg caaacccgna      300
aaaanggggt tccccnaaaa ggntttcccc aaaagggttc cccctttng gnttncgggg      360
ggttcccttt nccaaagaaa tctttcngg tttttccggn cngggggttc ccaaaggggt      420
tcnccngggg gttcttttgg ggtnccaaag gnaagttcc cttttcccc aaagtgggtc      480
ccaaaaagaa aggggggaaat cncnaantcc aaagnggtcg ccgatcgaag agtnccccca      540
agtctcctga agaggaagga gcggtgtcct cttaagaaaa tgatgtatcg gcaagcagtg      600
taaacggagg acttggggaa aaaggaccac atagtccatc gaagaagagt ncttggaaaca      660
agcaactggc tattgaaaag gttattttgt aacatttgtc taacttttta cttgtttaag      720
cttttgccn agttggcaaa cttcatttta tgtgccattt gtttgcgtgg attcaaattt      780
cttgtaattt agtgagggtg aacgactttt agatttcatt attggatttg gatatttgag      840
ggtaaaaatt tcatttttgg atatagtgt gacttttttt gtttgaaatt naaacangaa      900
ttgggtaacc taaattttgt ngggnccttc tggacttttt naagggaaaa acgttggttg      960
ccaggncnt tttacaacn aggcntaaa angcttggtc aaagaagatt ttggaentcn      1020
ggggantttg gncntttta ntttcccttt aaaaatttaa aaaaaccctt tccaaaaaag      1080
tttnggtggg taaaaatttg gngatatttg ggttantttt tacccttttc ntnaatcttt      1140
taaaatnngg ggtaattttt gggaaccccc aacn      1174

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<210> 4481

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4481

nctnacacng	nncagatngc	accaccttat	ggnaactncac	acatntngng	nntaattgcc	60
tnnaatttgn	nnaangggat	ngcctagtgn	tnctngnctn	cagaagggaa	agtggnttan	120
atagaaaang	acancnngg	ctatatacac	ttaanngngt	natagaannn	ggctactgaa	180
gtcnngact	tntannattn	aaancctaaa	tcacttnttg	tnggacggtt	ttcatntacc	240
tgccanatat	acagcccann	accnatngnt	ggngtgaggn	atnnntgtgc	cgggnttctn	300
tntnanttct	aacaccnna	gttgccataa	anntactccg	gnntattttg	nntgctcnca	360
aacttgattt	tttttttctt	aaccacgct	tganttagtg	gtcctcnatt	nnngntnnag	420
aaggatnccc	acntgaaagg	ngatnaactg	gtcgnnccan	aacanttggtg	tggnctctctg	480
tcacttttca	agnccatnta	gttttcta	anccgcgggg	tattccnctt	tcnngccta	540
ttttttttnc	cntganaaca	ttcngtnant	ttanaatcng	ggggaangac	cccccttnaa	600
naaactgngc	ccctaantgt	tggtttncac	ttncnccgac	gnnttntttt	ccaaaaaagn	660
ttgctttccc	cncttccan	aaaggaacna	attnttctta	aanaancctc	tnntcncttc	720
ggggaagaag	gccaagngc	ctttgggaaa	ccncaagggg	gaccccnnc	cntggacaac	780
tnannaacnn	nttcngngg	cccaaactc	ttnanttggc	ntnccngg	tccttanaac	840
ananaaangg	gcgganntnt					860

<210> 4482

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4482

ntttccaaaa	tagcttgggg	aaactccnag	agcnatttag	nganactttg	aaancctttg	60
gaaannccna	annattnnaa	aanaanacng	nnannntttn	nncaganaan	nnancanaaa	120
nnnnacnnng	ggttttttct	aaanaacncl	cnangataca	aatgagaaga	naatnnaaaa	180
aaaaagannn	nnntnannaa	tttnatnaaa	nacngagtgn	aanngaaacg	cnnaaaaaaa	240
aaaacanata	ttaaanaaa	tttanmnaaa	naagngnaaa	annacacatn	ntcnaaaaanc	300
nananantnn	aancnanana	nntntatata	anctanntna	ntannnaaac	ntatnatnaa	360
ntnttanata	ncnanatgna	nnaaacagna	acnnatanmn	nnaanaaatgn	atatgtntta	420
acnatataa	tntnttagan	aganatgata	nntntaaatn	nnnnactata	tanataagaa	480
tatatnacag	agcncctnca	canatgatac	actgancnna	tnntanantc	aanngtggac	540
tntnnganta	taananggan	nacanactag	acnatnnntn	gaaaaganaa	atngngggana	600
canannagnt	tacganatna	nanacagncl	natanncnan	ntntgtcana	natanatagt	660
ancnancaaa	gaanatggan	nnnacgacan	ntnccgtaca	tcnagacgnt	cttactatac	720
atacnagagn	gaganacann	ncnacactnt	gcntnnnaac	atntgtanna	nntanatan	780
tanaatacac	acnagccnnc	atatattaca	cgnagantga	gnncnctacg	tanantatat	840
atanncatcn	ngaananatn	tnacangtat	acnccgtanac	ntacagagtc	atnacacgta	900
antctagtna	tctnttnang	aacantntta	anangatatn	attnnaaang	atatnagant	960
ctacgtangc	gcgnaantna	atntacacat	cnanatatag	acnanacgtg	atntnanana	1020
tganaatacta	tganaacnnn	tcnnaacact	nacatatnta	tanaaataca	taagagtana	1080
catncacaan	cacatacaga	gananaanna	cacanaanan	atacataatn	aananantca	1140
tgantanact	taatcacgna	aaanttanna	agcnattnaa	cganngaaca	ngntacntat	1200
acggtanana	tacncataaa	ntancancta	nanaannaaa	gnnnnnntnn	cacanannac	1260
tnaancatga	cgatanataa	cangnatctc	aatantnaga	cntatgaaca	aaantagacg	1320
aanagtaata	tatatcnnta	gatnantana	nnaacgagac	cactgaacnt	ntnnanatat	1380
ntaanacatn	aactacaata	ncacacc				1407

<210> 4483

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4483

gcgacgcgcc	ganggnaaaa	ccccnaggcg	gannncaagg	acgcgggagnc	ggcacgaggn	60
gagagagatc	angccgcacg	ggccncttna	nnccccccn	cgncgnaann	cagcaggcgg	120
gnccagtgtg	cncctgcatcc	ncaccccgnga	ggccgacgac	actatcannc	ccacnntag	180
gnggaggaga	cagaggcaca	gagcgcccaa	agccccacag	cngggcgagcg	gcagggcnag	240
cgagcgangn	ccactagacn	ggngacagac	gcagaagccg	cgcannncac	ccccgggaac	300
nggaagacaa	cncncgacga	gcgagaccca	ggagaacgca	cagncnagcc	agaaaangnc	360
nngcaaccgc	anacangcan	cngacagaaa	ngcgacngcc	cacggaaaaa	gcgagcaacg	420
gaacnaagag	accaacnagc	ngccggggggc	aaggggaancg	ggcancnngg	cgncanacna	480
agaccgaanc	gggaagccgg	acccaaccccc	aaaacggcca	aaggggacan	accacaaaca	540
gggnanccca	aaaaacaccaa	anncnannca	caanccgaag	gaaaaggccg	aaaccaaggc	600
ccgaggncan	ggngagcacc	aacngaagcc	aaaccgggnc	aganncaaac	ccgnaancac	660
ccaggaggca	ncaggccggc	cccnggggga	nccaggcaag	gnncccgggg	aaaancccca	720
gnnccnngcc	cccngggncc	angggggaaa	ccccg			755

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1273)

<223> n = A,T,C or G

<400> 4484

anggnnnnnn	nnnnnnnnnn	nnagtttnnn	nnnnnnnnntt	tttttncccn	aaaaaaattn	60
gggccctttt	nttttccaaa	aaaatggggc	cctttttggg	ggncaaattt	ttttncagan	120
nnncnnnang	ttttttggaa	aaannccccc	ttttttgggg	naaaacnnnn	nnnggnnnnn	180
nnnnnnnnnn	nnnangnnng	gggnnnnana	nnnnngnnnn	nnanggggnn	nnnatntttt	240
ngnannnggn	nnnnnttnna	ngngnnnnnn	tnnnanannn	tnnnnnngnn	nnnnngggng	300
nnntttnnnt	nnangggngg	ggnannnnng	nanannnnnn	ggnnggggnn	nnnnngnnng	360
ggannnnnan	atannnnnan	nnngnnnnnn	nnnanntnnn	ngaattggna	annnnnnnta	420
aggggnaacn	nnngngcnna	aaannannan	gaggggagga	angnacngaa	ancnnagagg	480
tanngaanaa	aatcgcacgg	gaacntggga	aacnaaanna	tcnannnctt	aacnaaanatn	540
taaagnaaca	naaagcnnng	nancanngnn	tgnnctgtta	gnagatctcn	ngnaacaatt	600
tntaaangga	tnaaatctnn	angnaagagn	agctnnngaan	ngnanangaa	aangaannnn	660
naaacngang	annacanata	aacnaagngn	aaggttnctg	gantanaaga	ggatnaagaa	720
cgtngaaanc	annaancana	nanaactnga	tgcccanctg	agnttnnaac	nnattatnnc	780
aangaaaant	gncntacatc	anattgggaa	natctaagcn	tcanaaaaana	attnnagnan	840
agnatncttn	ngtatanaaa	ctnngatnct	nngnacgaag	ctataanaat	aannngaann	900
nnncataann	gnannaanna	aataatntat	nntggtnngn	gncntatann	taagnaangg	960
catacaagat	natataagan	aagntactat	naanatnctn	nggggaagnga	ntcnacacac	1020
tantntntnc	ccnttggang	nnatnagatn	anncnanttn	ngmntancnc	nnctgtcatn	1080
ntnaaagaaa	ngttnanaca	ganatcctcg	atanananaa	agncaaagac	anaggnaanna	1140
caaacttngc	nnannncaaa	ngtcacttcg	tantnnacat	ngnaatanca	natnatnnnn	1200
anacnncgna	angcacaana	ngtananana	catnnataaa	aanntngnat	gntcgacngn	1260
agaangctcc	ncn					1273

<210> 4485
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1240)
 <223> n = A,T,C or G

<400> 4485

agggnnnnnn	nnnnnnnnnn	nnngagggtg	gnnnnnnnnn	nntttttttt	ncccnaaaaa	60
aantgggncc	ccctttnnnn	tgccaaaaaa	aaatngcccc	cnttttgggg	gcnaaaanat	120
cngggcccaa	ancccccaan	gcnntttann	aanccggngg	gnttttcccc	tngggtnggg	180
ccccagggna	aaannggaaa	aaaggtntna	aaaaaaaaatn	acctntgggc	ctttaaaagg	240
gaaaaaaggg	gggggnagggg	ggggggnggt	tgggggggga	aagggggggg	ngggtnangg	300
gggaagggaa	gggggnaaaag	gggggnaggg	gggaaaaacn	gnnnnnnnng	ncgggggaaa	360
naangcnnnn	cnannnnnnn	aaannnnnnc	nnnncnnccc	nnnnnnnncca	nnnannnnag	420
agccncnggn	nnnnnnanaa	cacannnnag	gccgccngc	nnacgnaagg	ggccngggca	480
ngaaaaanga	aaacagcnan	ncannncnt	gantgcatnc	cgcactgaaa	gganggncaa	540
acacnggang	aggnnnnnt	ccnaagannc	aaggggcaat	naaggacct	gggnncnntn	600
ggacacntaa	agnaantgna	ncggatgnt	nccnatgac	agagangact	gggnngcang	660
ggnatgatn	aaaagtaacc	canngaagaa	acngnnnnna	nnaccngata	anncgntngc	720
aanctngana	acggcngaac	cnnnnncacn	agcannnnnc	ncnangcana	anaancnata	780
ngaaaanngg	gnntanagg	gggggntncn	cacanaaaan	ggacntatgn	ganagcnggn	840
caccanannc	naaancnaaa	ngggggnant	gaacnatang	ggggcngggn	nnanaggggc	900
nanngngnan	canatanann	cctngngggg	ggcnagtaan	anancngga	gcncggncan	960
ccanaaannc	ccgccanaa	ccaggcannc	aannnnccnn	gngannnncca	gccnatnnca	1020
nganggantn	aaanaggnan	cgngcaaaga	gccnacgana	gcaannngna	cnatnnantc	1080
anngaaacgg	cnnaaacnnn	agagncgaat	cancgacacg	ggcaaacant	naatagacaa	1140
ncacaannca	ngtnngngag	aagtaacncc	ggctncatnc	aaaacnnccn	cgcntaccca	1200
aanngnacnt	ccannnnnnn	aanaaanacn	gtgcncgacc			1240

<210> 4486
 <211> 1444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1444)
 <223> n = A,T,C or G

<400> 4486

nnanaanana	ntaantnant	nanannannn	nganaannna	nnaannnnnn	annncnnnnn	60
annnnnaan	naannatnnn	anganannan	aaaananata	aanannaann	anaanaaang	120
anannnnann	nagangnnan	nnaaannatc	naannannna	nngannaagn	nannnncnna	180
tannaagagn	aagggnnatn	annaaagggg	gagcnnaaan	angnganngn	ggaanatngg	240
angnannnan	tnaaaannnn	ananananan	ggggagagtt	cctaaaggtt	gggnaaaaac	300
ncacnncnca	aaaaaagacg	agnaatgggc	antggannaa	aactatcact	aangnnacca	360
nnncacaant	nannggtnnn	caacactaan	nnantnnnan	tnctangnga	nganattaan	420
cnntnnnnnn	nttnnnaatc	tancatncn	cantanntan	cnnnatnaan	ntcnnancta	480
ancannnnan	nnagannncn	attgaaaaat	tanaatatnc	acnatancaa	annaacancn	540
antaatnnaa	naannaannn	naagananng	ccaancatcn	anagncnana	annacaatcg	600
naacntaanc	ancnattant	tatntnncaa	anganattaa	nnacnngctn	tatntaaaac	660
tacatantct	naanncnaat	antatntaat	nnatntanac	acanatcana	gnagnaaaaa	720

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nagntaanaa acntctnnga ctantaanat atctaactnc acaaaagata aaatcannac      780
gtatacgant tatnganann actcnacaaa ntctatnann aaangnntca canagtanch      840
tnaanaanan tnnaacatna gagcatngcc acaangtata nnaatataaa ntagtancac      900
antatnntc annnaacata tnnatanngn tatnntggag ctanannagt ctnannnnan      960
agacacatnn ncanaatann tataatnmaa nanaacaata ngtnctgat nnnnnncnac     1020
ncacncacan atacantnca tnaanacatt nacacaannt annanaatca canctaacat     1080
ctcatnnata cnanntcct tcacatannn tcnnactatn tantcactnn aaaaacataa     1140
nannanggac aactnnacnc nctaattntac canatnnecat anangatana tagancnana     1200
acaaanatta gaantanata naaaatttaa acgantcata naaatattnn aannanacac     1260
atancncanc aatannaact acnattanat catnacanaa ntantcgacc ataaananac     1320
ataaatanta tnannaanat nannntaagg ccanncanat taaatcacat atatntatat     1380
anatnanaat gncagaagat atananncna taactaaan tanacatnta atantcncta     1440
tnng                                     1444

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<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1390)

<223> n = A,T,C or G

<400> 4487

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ggnnnnnnnn nnnnnnngna nggtttnnnn nnnnccccct tttttttgcc naaaaaaaaa      60
ttngccccct ttttnnttgc cctaaaaaaa ttgggnccct ttttgggggn aaaanttttt      120
ttcccgnnnn gnnnnaaann ttttttnnna aannnnnnnn ttttttnnnn nnnannnnnn      180
agggnnnngn ncnnnnnnnc ttnnnnnnnn nnnnntnnnn nnnnnnnnnn nntggnnnat      240
tttttttttn nnnnngncta tnggnnngna nannnnnnnn nnnnnnannn nnnnnnnngn      300
ggggganant ntntattnta nnnngnannn tnnnngaggg nnnnnnnnta ntnggnngnc      360
ganngnnnng atnaannntg gcnntgnngg nnnnanatat nanatnannt nngncannna      420
atnngnnnan nnnnnannag gggggggcgc annnacaanc anttaagcta anaaattncn      480
antnanntgc tgaantgaan gaacatncan annttaacan nctgnangg ctanntgaag      540
ncaanatggc ttcaannaan gcntnntang gacttanggn tacnggntat naggnacctn      600
cttanntnnt nctaaccnta tctngaacgg nctncacctc nnaaattgna ctantatnt      660
aaaaannatc atnatnanat ntngganana ngctgtcaaa aantnnnnna ancnnnnngg      720
anannngtat ctanntnnac ntggaatgnc ntaaacctat aaaaaannan gnnataaaan      780
ntcaacnnan annnanacnt aaatntanac cntntaaagc nentanacnn atttcgaggn      840
cctngacaat anttttaann tcatacaaat gtgnngggan antncntata cacnggggta      900
nantgnacnn nnnatcttgn ggtanaaggn tntcanagcg ntatntntt agnggnnaan      960
atantntntn gaggtatcat gagnntaact ctcnnatnna nntcgatnta cctcacgtng     1020
tgtgnatatn nntncantnn atctctanat ncntatanat atcgcanaan atntacanca     1080
cnnnngtnaa tatantnnnt annntntacn ggantngagc tctacagatg ttntcganna     1140
anattttang anaaaaatag gtacanatan ntgngggnac tnataaaacn nganggnnnn     1200
tnnttttnaa aaggnnnnac agnactttcn atnaatagga tataactcca ngagenactt     1260
tancccanag atcatntcat acgncgngna annnnnncta ncataagnct nttgagccna     1320
tacnngctnt atancnacan gnatannnca tnnggaaagn actctatnan gatnnanann     1380
cgncanacn                                     1390

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<210> 4488

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (960)
 <223> n = A,T,C or G

<400> 4488
 ttctaattngc tngctctcgc tctcttggag gntccctcga ttcgaattcg gcacgaggct 60
 cgtggggaggc tgaggcagga gaatctcttg aacctaggag gcagatnttg cagtgaagcca 120
 agattgtgcc agcctgggag acagggtag gctcttgtct caaaaaaaaa agtccacatc 180
 ttcattgaacc cttagactct ggagttgggg tgcgggcttt tttagcccag cttttgtggg 240
 aattgccttt tgacctatta aagaangaaa gtggggtaat gggagtncca gccactcaag 300
 agactnggat atccccccc aaaatgggtt gggttaccna gcttttgunc ccctntggaa 360
 aaatgaaaat ctnaaacctn tntcanctgg gntttttnncn tttgccaaan ttcattttng 420
 ngttttttaa nttttttctt aattnaccan ttaaaactcc cttatttttc ccatggttct 480
 tncaaggggc cccttggggt ttnaacanga acnaccagc tttnganttt ttaanaagcc 540
 angaccattn tgggcgga aa ngaaaaaacc aatggggcaa tttggaaatn ggtgncng 600
 agtncccnnn accaaaatng ttaattttta attattaccn cccattccna aaattttttna 660
 aggaanaaaa aantggnaan tttccttttt anggggtttcn aaaaccctg ggaaattnga 720
 tttttaaang ccncnaaatt taaaaaccct ggtttgcaa angttccaaa naaaaatnac 780
 atnttacnat cctcttcata cctaactnct cnactacctc aatncttnt ncanatctnt 840
 caactnttna nnattnccat tctngatate canntnanat aacnmatnnc ncntanaaan 900
 ntnnttatct nanataatnn tcttgcnaat cnntctcctc cctctnatnc tcnrntnct 960

<210> 4489
 <211> 1024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1024)
 <223> n = A,T,C or G

<400> 4489
 aatncnaggc tctcgttctt tttgcaggat ccctcgatcc gattcggccg aggattccga 60
 gtgtttacta agcctgttga ccctgatgag gttcctgggt atgtcactgn aataaagcaa 120
 ccaatggacc tttcatctgt aatcagtaaa attgatctac acaagtatct gactgtgaaa 180
 gactatttga gagatattga tctaactctgt agtaatgcct tngaattcaa tccagataga 240
 gatnctggag atcgncttat taggcataga gctgtgctt taangagana ctggctatnc 300
 cnntaattta aagaaaaacc ttttngaaac cttttncngc tnnttngnan gaaantttcn 360
 ggaatntttt aaanaaaaa angnttgnnn ncgttcccc naaaaaattn ccccccggn 420
 ttttaactna ccnctgggtg attgggccc aaangccaa aaatttncct ctccttggg 480
 ttggggngg atttaaaaag gattccntga ncccccgna ggcccgnaa attggganaa 540
 aaggctttan aggaacaccc ccgggggtta ccttncctg gtggggncct ttggccaaan 600
 cnancntttc cttnggcttt caaaattttg taaangaaag ggganaaaaa atttctnngc 660
 ccaaanaaaa agggttccaa aaaaaccttg gggntgacct ttttaanggg nccaccccn 720
 tttntttaa aaaaaaagcc cnnaaanggg ggaaaggaaa tttttttnaa ccaagggggg 780
 cccaaaang ggattgggna tttaggncct cccggaaaat tggcccntt ngggaattcc 840
 nccccaaaa atttggnnna aggttgant tccccccang gggaaaacct tcanggacc 900
 caaagggtgt tagaatccat tnatggggga cccggaaaac ncnnngagaa gtctttcggg 960
 ngggaagaaa attnaaaaa ccgccaant gccnttttn aaagcaaact tggaattggg 1020
 aaaa 1024

<210> 4490
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

<400> 4490
 gnnnnnnntnn nnntttcaaa tgcttngcan tcgcttggnn gcaggatccc ttnggaagcc 60
 nttggacgac acgtggcgtn ccgctgaatt naagcatatt agtcagcgga ggaaaagaaa 120
 ctaacctctt agttttaatt ggacacttct ttgctgnngc aatctatgcc gngtatnnnn 180
 gctntaagtc agaaccttgg attacaaaac ctcgagcncc ccagnagtgt gtgctgtatt 240
 gtcaaagcgt gntctgtaatt atttcctcta atttactcag aaatgaagta tatgggtcat 300
 taagcttaaa ggggaacctt ttgtgaatga atatttggaa cttaccaagt cctaagagac 360
 ttttggaga ggatatatat agcatagtac cataccactt ataaagngga aactcttgga 420
 ccaagatttg gattaanttg gttttgaagn tttttggata taaatatgta aatacatgct 480
 ttaatttgcg atttaaaatg aaggggntaa ataagttaga canttaaaag aaatgattgg 540
 taccataaat tagtgctaan gctgaggaga actacaggnn ttccttttga ttaaggattt 600
 gagangagtt ggtggggcat gcaaattaaa atggaagaan ggaaaaaana aanaaaaaaa 660
 aaacctcgga gncctctnga aaccatttag cgggggcngn nttaccnnng aancncngna 720
 catnggtnaa ggaannccan tggngaggaa nttnggggc aaaaaccncc caaccttgga 780
 aangccanng gggaaaaaaa aaaggccttn aanttnggg gnaaannncg ggcc 834

<210> 4491
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4491
 gtaggcccg nttaagtttt acnnttnaaa ttttcagcca cngantgggtt cntnncgnc 60
 cgggnttctt ggagggtttt ttntggattt tctnttttcc tnncnaccat tttcattncc 120
 ttcattatct cngngccent tacntttaaa ggttntaccg tccggatatng cntaatggaa 180
 ggggtaaaaat cnggnnaatt catggnttgg ccattctggc nctgngtncc cntnncnnan 240
 aggncttnac cnaaccttga tggggncntc tacttcccc ctaagctttt ttgtgccacc 300
 tngttgnttc ttaggtacaa aactattcca aatgggtacct gncctggatc cntnggccaa 360
 tggggaccnc atgggtaaga ttctgggtnt ttttaaccat naaaaaagng ccattaaana 420
 tcccggntna agattncaaa atgntatttg gggcttccat gaatgggact tngggactgg 480
 aaattctctg gggantcaat gnaataatgg tnaatgaatg tgaagacctn anaccttgca 540
 ntacttggan acttcttana cacttgtgcc aatttnggat attacctana atttatttta 600
 aaaatgggtt tttcntttcc ttttaagtaa attaaaattt aacctcttta ggcttttacc 660
 tggnaaaacc ttnttttttt ttacccttcc anttaaaacc ctttaaaaaa anttttttaa 720
 aaanttttnt ttggggaccn tntttttttg gttaaaaaan aaaattttta gccntttttn 780
 ancccccccc ctnttngaaa aaaannnttn ggnaaacttc ccngggggnc ctttttaaaa 840
 aaccttttag ngggggggnc cgaattttac ccgtgggaaa cccnccncc cttttatnaa 900
 agaaancccn tttgatgga agnttttggg nncaaaaccc 940

<210> 4492
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4492

taatanctng	gctatngttc	tctttgcagg	atccctcgat	tcgacaccca	atggcgggtn	60
acgccggtgc	anaggggggg	cccgggggcc	ctgggtggccc	tgggatgggg	aaccgcngtg	120
gcttccgcgg	aggtttcggc	agtggcatcc	ggggccgggg	tcgcggccgt	ggacggggcc	180
cggggcccna	gccccngact	tnengaggca	aagccnagga	taangagtgg	atgccctca	240
ccaanttgng	cccttggtca	aggacatgaa	gatcaagttc	ctggaggaga	tctatctctt	300
cttctgcct	attaggaatc	agagancatt	tgantttttc	tngggggcct	ttttcaaaga	360
ttaaggtttt	naaaaaattt	nccaatncnn	aaacanaccc	ttccggcaac	gcaccangtt	420
naaggcattt	gttgctatnc	gggactaaca	atggccacct	cnggtctggg	tgtaaagtct	480
ccaaggaagt	ggncaccggg	catnctggg	ggcattatcc	tggccaaanc	tcttccattc	540
ntccccctgc	cncaaaaggc	ttacttgggg	ggaacaanat	tnggcaancc	ccaaaanttg	600
tncttttgca	aaggtgaaca	aggncattt	tcgggntntt	gtggcttggg	ttacccccct	660
aatncttng	gaaccccaan	gggcaacttg	ggcattntan	ttttcccgta	acctngtggc	720
ccttaaaaaa	aaacttnttt	cattnantgg	cttggggatt	ccaatgnant	ggcttacaaa	780
ctttaaacnc	ccgggggctt	tcaannttgn	tcaaaccctt	tngggnaaaa	ttttgncnt	840

<210> 4493

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4493

cntttttgaa	ancccttggc	tacttgcctc	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagccaa	cgtgttaggc	ctncnnngca	cgnnmctnaa	gctgnttctg	aatgagaccn	120
agnncntga	anttncaaa	gacatccccg	ngaagacttt	gaatatgaan	actgngtggtg	180
tcnatngtt	acnaacaaca	ntatacttct	nncntgtntc	natcaatgnn	natngggnaa	240
cccttccta	attacacctn	tnccctacac	atacntcccc	atnnacacac	acntgaacac	300
actgangatg	tnccctttaa	gtgtgngtnn	aatntgctgc	nngnattgaa	attnaaatgg	360
gattgatnan	tcaagtgact	tgagacctga	cagcatcttt	acactnaanc	ttagacannt	420
atgcnctcat	gtgggcagca	ngttacaatg	gtacttnagc	ccacagtnta	ttgctatact	480
tgagttctta	actcanaaca	tatatnttga	tttgaatggc	atantgtata	tatnatattca	540
tgcnctttta	aaattatctn	anaccncttt	natganatgg	gcagnatgat	aantgtctaa	600
cacctgggat	ttaactggat	aattttgctn	gaatctttta	ngttttganc	tnttcaggac	660
nagttaacag	acctcanant	gttccaaagg	cttaaatgtn	naactcnaag	cccttttttna	720
aaattnatgg	agtccaannt	tacctgggan	ccaggacant			760

<210> 4494

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 4494

tnanngtana	agacnncgng	naaagcccat	cagccggaan	gcaaaggncg	cggttggccc	60
------------	------------	------------	------------	------------	------------	----

caagagngggg	aggagtgggc	tgacagaagg	cccnntcccc	anccgcgcac	nggcngaccc	120
ccaggggcta	ggatacnnga	gatgaggaac	ngganaaggg	gcncaaagag	cacanntgac	180
tggnagagga	cacagagctg	ncctncaagc	anangaacga	agnncncata	ccccnggaac	240
ctnccccnct	ccaggctcac	accncnagct	ccancaanga	nacctnangc	gacaacannn	300
aagnnccctn	ccccaaaccta	gnccnncagc	ccnaaangaa	ngaacacaga	tgaanagccc	360
tgaagacanc	nggngnccac	aggngnggcc	cgangcnccg	ggtgaaagtn	gaaganngac	420
cagtaagagg	gaagaaaagaa	tggtctctcc	ctcanttcag	agaanacatc	ctagtcacaa	480
gngcccctaa	ngcacncaag	gtctnngana	gctacattcc	ctcactganc	ccagnagaaa	540
nacactacca	actgangcac	canctaggat	taacaacnag	ccaagcctcc	ccttnccctt	600
cncaaggaaa	cntcncccca	caagggccnc	cccaatccag	aaaatgccta	taaanccctg	660
gccaaacttcc	ggggaaaaggg	gaccnccnng	aagaaacaaa	ttnaaaaaana	aaaacnacccg	720
ntaataagna	accggggnga	aaaaaggncn	aaccnccaa	agggcccccg	ggcaaaaaaa	780
atccccaagg	ccg					793

<210> 4495

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1487)

<223> n = A,T,C or G

<400> 4495

agggggaggg	gnntttttan	cncnccccct	ttagggngga	aaaaaaancc	cccntttttt	60
gggagaaaaa	aaggnccccc	naanntangg	gggaganatg	nnngaagagg	gmnannnggn	120
aaagcanacc	naaagngggg	anannnnncng	nnaaaaaaan	gcgnggncaa	gacagnaagg	180
ggggncgaga	gagnnngcng	gggaganana	aggggaggnt	ntntgagnna	anggccgaat	240
ngacgaaggt	ncggatgggg	gncaannang	ggnganaggg	gaaaggngna	anggnntacn	300
ngngantgg	aaangnnnat	nnnggggana	aaggngantg	agncggggcaa	aannantann	360
ncggatang	gnataggtn	antgangtgg	angntancnn	agataggcgn	agannggaaa	420
ntgagnatnn	tggnacacna	tggggnataa	ggcnnnnann	gaangganca	ggangangaa	480
ngggcatant	agggcggaang	aagaannnnn	gntaggatgg	nngnaaaaana	aaantgntnn	540
ngaaagagaa	nntgangnaa	gtgncggaga	aggacgaaga	ataancnatg	cggaagnann	600
aaggngnang	tnnaaaaggn	cangaannca	gaacatngan	gncgaaaaag	cacaggnnnn	660
anggaagngg	gtgcnaaggn	gnaanaagag	ctatnagggg	gaaaggaagn	ggntgngggg	720
annngaagan	aaggggaggn	aagcaaggaa	acgatgnnan	aagaanaggn	taaacgcaag	780
naggtatnaa	naaaganaca	ancgangtga	naggggaagg	gngggncaca	atgaangang	840
ngaattgnta	ggacgcanna	agacntagan	ganagncaaa	gacgtagngn	caaagganga	900
nanmnacgcn	agngngggaga	cgtaaggggn	angngtnagn	cnaanagata	ngganmnnga	960
aaanagggng	aggagangta	gaaagncgaa	cagnnnnnang	ngagngtggg	ngtaganaga	1020
ntnnggaaaa	aaggggacgc	gtanganaac	gnangacgca	angaggaacg	aagcnaaana	1080
gagnnaggag	nananaagcg	aggaganaan	gatnagggag	agntgagana	naacgaatgg	1140
ncganaagag	agagnaggt	ngcannaggn	agaagancga	nggagganna	gantgacgng	1200
nagnnagag	aantacacnt	atnaggnnng	agaagataaa	ngcngagaag	atngannng	1260
angaganacg	anagnnatgn	aganagnnaa	nntagnagag	agagagnng	ngagagaaaa	1320
angtgagagg	agaggnaaga	ngaancngga	gnggacagga	ngagagnnnt	atgnnnnggn	1380
anggganagt	gnntntcntg	ngcnacannc	nnatnnggac	nacgagatgt	gcanaganan	1440
gnngngnaga	ngnngnntag	atagaganna	nagggnataa	gagacng		1487

<210> 4496

<211> 768

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4496
 tnnaggttng nnntgtnggg cctnttnncn tngttgtaan cgctggctng ctgcancan 60
 nctngctggn gcgaattcgg cactgaggtgc attngggcca atgggtggcnt ntgtagttec 120
 tgaacatcag ctgggaactg catatggctt catgcagtc attcagaatc ttgggtnggc 180
 catcattnc atcattgntg gtatgatact ggattctcng gggatattgt ttttggaagt 240
 gtnccttaatt gcctgtgntt ctttgtcact tttatctgtg gtcttactct attnggtgaa 300
 tcgtgccag ggtgggaacc taaattatnc tgcaagacat aggggaagaaa taaaattttc 360
 ccatactgaa tganangtnc aaatgaatgt gncatgagaa tgggcttaac acatcgttgg 420
 tttgaaaact tncattttta aaaatttaga gtttagtcat tagaaaaaat aatggactgg 480
 aaagtnatat gtatatccaa atatacctat ttcaaagtgt atttgtgagg cctgttntag 540
 cctgtgtctt gtgtattgng tgtcgctaaa ganttnact tttacnnngc tcatcaacaa 600
 tgaaagggtt tgaaaattgc tgtggaacat ccacgtganc tttttngaaa gacagtnaaa 660
 aaatgnaaaa cgtttggagc tttctnttga gataatctac atttaggnaa tataatctta 720
 agggatacag ccctttncct ttattcttat nncangaaaa aaaaanct 768

<210> 4497
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 4497
 gngnctttan atancttgc cttgttcttt ntgcaggatc cctcgattcg agcggccatg 60
 gccaaacttg aggtgaagaa agcattcatg ggaccactga agaaagaccg aattgcaaag 120
 gaagaaggag cttaatgcc ggaacagatt ttgcagttgg tggggtctca ataaaagtta 180
 ttttccactg aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt ggtcgtatt 240
 acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca actagaatgc 300
 agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta 360
 taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt caggttcang 420
 gggaggtgtg ggaggttttt taattcgcgg ccgcgcgcc aatgcattgg gcccggtacc 480
 cagcttttgt tccctttagt gaggttaat tgcgcgcttg gcgtaatcat ggtcatagct 540
 gtttcctgtg tgaaattgtt atccgctcac aattcccaca acatacgagc cgggagcata 600
 aagtgtaaaag cctgggggtgc ctaatgagtg agctaactca cattaattgc gttgcgctca 660
 ctgcccgtt tccantcggg aaacctgtcg tgccactgca ttaatgaatc ggccaacn 718

<210> 4498
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4498
 gnagnccgt tennangent nggctnnatc caatgctggc taaagttcna anantggca 60

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acnccaggan ncangcgttg cgaattcggc acgaggagga attacaggta gcaaattatg      120
gagttggagg acagtatgaa ccccatTTTT actttgcacg gaaagatgag ccagatgctt      180
tcaaagagct ggggacagga aatagaattg ctacatggct gtttnatatg agtgatgtgt      240
ctgcaggagg agccactgtt tttcctgaag ttggagctag tgtttggccc aaaaaaggaa      300
ctgctgtttt ctggtataat ctgttgccag tgggagaagg agattatagt acacggcatg      360
cagcctgtcc agtgctagtt gcaacaaatg ggtatccaat aaatggctcc atgaacgtgg      420
acaagaattc gaagaccttg tacgttgtca gaattggaat gacaaacagg cttccctttt      480
tctcctatng gtgnactcct atgtgctgat atnccatttc ctagtcttaa ctttcaggag      540
tttacaatng ctaacactnc atgatngatt cantcatgaa cctcatccat gttcatctgn      600
ggcaattgct taccttgggg gntcttttaa aaagtaccac gaaatcatca tattgcatta      660
aaacccttaa aagttctggg gggnatcaca gaagacaagg ccnaanttna aagnggagga      720
attttattat ttaaaagaac cttttgggtg ggatnaaaan      760

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<210> 4499

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4499

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ttaagntttt tttggttggn nttttnaatn ttgccanaaa gctgnctact ngtnctttcc      60
gcannatncn ntcgattcga attcnccacg agctgatagg tgcnccentt aagacttttc      120
atagancnta ngncggancc nncaccttct cnnntgaang atactnaccg agggnaatgg      180
tgnatgctgt gaacanantg gngaaccnct cantntgnta anattactna ctaanctcaa      240
aagttaaagc nnancncaca cmmntatcct acctcntncn ctgagnntca ngttncacac      300
aaaaggncn aaagccntng atcnacctna ttatggacnt gntcatcnna anccataat      360
nctnctcngt acngtnnata tttncnacnn agcattcnct atcttncatc cmmtnnccaa      420
nctggncnct ancttactac ttgcaccten ctgtacccaa cntttccatc cattgnntnn      480
cctatcaaac tccttcantt atgnccttna nctncgtaa anacnnatgc nnatcttgag      540
tncanacttt tnttgccgcg cngtngetcn ntttctttta ccnttggaac ccgnataanc      600
atgnntttta gaanaatnan caccnggnac cttntnanch ctanatatgc nctnnntant      660
gctntgactn ntaaaactann ctcaannngn ncttananc cttatnaantn nccccctnat      720
natagtntca ttaanggtan tccntttncg gatccattta ncccccttnc atttttgnnc      780
ctacntcatt taacnttnn      799

```

<210> 4500

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4500

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ggtnntttcc ccttttgaaa ccttttanac aagctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag ctntnttccc cctatnaaat ttgcaacaat anagggtgga      120
gggtaatctn tncnttccta tactgccaaa gaatgtgagg aagaaatggg actcttttgt      180
tatttattga tgcgactgta aattggnnca ntatttctgg agggcaattc ggtaaaatgc      240
atcaaaagac ttaaaaatac ggacgnactt tgtgctgnga actntacatc tagcanattt      300
ctcttttaaaa ccatatcaga gatgcataca aagaattata tatnaagaan ggtgtntaat      360

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aatgatagct	atantaatna	ataattgana	caatctgaat	cccttgcaat	nggaggnnaa	420
ttatgtctta	gntataatna	ganngtgaat	canccaactg	aaaatnctnt	ttgcataatnt	480
caatgtnccta	aaaagacacn	gttgctctat	atatgaagtg	aanaaangat	atgggnagcat	540
tntatagtac	tagntntgct	ntaaantgct	nngtaaatat	acaaaaannnc	tagaaaagaaa	600
tatatatanc	ctngtnattg	tatTTTTGGGG	gagggatcct	gggataantn	nntatgntcn	660
tngaatenct	tctggngtct	tcacatTTTT	ctaccannga	atttaatcha	atagtaaagt	720
tgTTGGNaaa	aantcaaagn	tnnggatttag	aaagatncnn	ttcttgaaaa	nacctgcttt	780
tggtaaatga	aanc					794

<210> 4501

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4501

tggtTTTTta	ggTTTggnTT	tcnaatnngn	ctaangctgg	gctcttgTtc	TTTTngcagg	60
anccctcgat	tcgaattcgg	cacgagatga	gaaccagaac	aagtctggca	gcgaggccgg	120
cagTccccgg	aggccacnaa	gacagcggTc	agatcaggac	tcagacagtg	accagccatc	180
cagaaagaga	aggccctncg	gttctgagca	gtctgacaat	gaatctgtgc	agtcagggag	240
aagccactca	ggagTttctg	agaacgactc	tcgcccantc	tctccaagtg	ccgaatcaga	300
tcacgaatcg	gagagaggat	ctgataatga	gggtTctggc	caaggctctg	gaaatgaatn	360
ggaaccagag	ggatccaaca	atgaggcctc	anatagaggc	tcanaacatg	ggtcagatga	420
tagtgactag	gttttatTtc	atcaataagc	ttcatctctg	gaggaaactt	TTTTaatata	480
tgaaagctgt	gatcaaaatg	tttcacatgt	ttagtcaatt	gtgaaatTtt	tcttaangca	540
attntctTtt	ctatcanttt	gtatattact	aanccccaag	agacatTttc	tgtgctagna	600
gtccaatatt	ttgagtctct	cntgcanatg	agacttatTc	TTTTgnngta	caatTtcccc	660
tatcatatgt	gaaaaactgc	tntntcaaat	ttanccctta	tgctananTn	attcctacna	720
nanntTctnc	ctgntanctg	tnngctacaan	ntTntatTnt	ntTTTTnt		769

<210> 4502

<211> 1338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1338)

<223> n = A,T,C or G

<400> 4502

agggnngntc	tttccacccc	ctttgTttgg	aaaacccccc	TTTTgaanta	ccaagcctna	60
ctttggtgtn	ctTTTTttgg	ncanggnaat	cncccaattc	cgncatctnc	ggnaganagn	120
ttccnacaca	ctagccagna	cacanatctc	atcaccaata	acnngTTTT	tatcantatc	180
nnncanncn	ntcnnncoga	ntntncgnng	tangntgtcg	acaantTntn	tnncntnta	240
aannnnncnn	tntactatna	tcnatngTca	tentcanena	ntntTcntnn	ctancgnann	300
nnntncnctt	nnetantctn	actnngnnnc	anntnnnnan	atnnnnnctn	ctannaacan	360
cacnnngnta	tntnacnnnt	ntnacnnttg	ncnctnannt	nnnantncta	tncanttnen	420
ncattaacat	nncccnata	ncaannntna	ccnatcanat	acntTTTTnn	ganacnnann	480
nancnntctn	cttnccnnnt	ncctaacnnt	annnantctn	cngnnntTtn	aannctTnnn	540
tnactnncac	tactnataca	ttntntann	ggntccanna	aactnnagtn	nnncctana	600
ctgatnnnna	tnnntnctt	cnctattTnc	nnngtantt	nanacnnacn	atcatnctt	660

```

ttcatnncnc nanttnecgnn aatcatntgt antntaanen naantectan nntcgnncet      720
cttcncttnc tegnnntnt atncaactnnn atnanntnac taccactnct ntatntcata      780
ccagantata natnttnaaa tennntntc nennancnt ctctencnan gcmtacgac      840
nnnnantcan tttngtncan tgaactaant aaaantgtct nttctatata nncagnnat      900
nntntnataa atactctctc atnnatnntn atnacacata tntntncnca ttctcctatn      960
atctgnatat nntcgtcnen ntctengana cnnncaactct atgatatnnt ntacncaacta    1020
tatntacnan ngtatgntan gnnacatana angcttaaac tnnanangna tacgacttca    1080
ntatncata taacnctcgt ntatgcanan aatcgnactg ttaatgactn gtatntcgat    1140
acnctcttan angcntnngt ataentntng gtcnnanana cttcatntac nctngtantt    1200
atgntatata tangcacnga nnnennngnag anatcnanta cacccttata nnttacnana    1260
nntatatntc taatnngncc tctntnactc tcnacgntan gnnnnactgn tatnttcaca    1320
cntaantatt ataatnecg                                     1338

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<210> 4503

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(884)

<223> n = A,T,C or G

<400> 4503

```

cncnntctna tnggggnang tnggtctntc ctacctcttt nagganaccc tctcgcctaa      60
nancnnggct ggggcgaatt cggcacnagg gaatggatat tnggggngga gantanntnt      120
nnattncctt taggatcngg cactgtggag gaactttgga aattgtnacn tgctcacatg      180
ttgnacatgt gtntcggan gcnncacctt ncacctatcc aggangcnca nggcngatta      240
tcaataacaa taacagacga cttgcccag tctggatgga tgaattcang aatnatcntc      300
tatatnattg ctccatgngn tacaaaggtc ncattatnna tatatatcnn cnnnanatgg      360
acttanacac naacntcaat gcnaaccttt tanntgcanc ctncanactn tanntnctga      420
ncntntantn ccacnncnt ntanctcana gggaganana caaatnnttn tagcnntten      480
aanmctacat atcccagnnt cnaaaagagn ntgnctannc tggaattntt taatggccan      540
nggtctgggg ngtaaactan ngatcantcn ttataactgc ctacnctnna cnttcncaac      600
attatgaacc ntttgcnnn cgaantgnnt tcccaanncn ttaaactcng nccctntcac      660
cnaatggcnt caaanatgcc caancnancn ctnaaaaaac gnnctncccc anactttttg      720
gngcantntn tgacccccca ctnggaantn attancatc ccccnagtct accccttttn      780
ttggaaaccc nngcnaaatn caatntggnc ccctnnnnna acttnnacac cccccccn      840
aaancaantg natttnnncc cccnngctct tncnccnac nnnt                                     884

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<210> 4504

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4504

```

tgggtggctn gggggnnnnn nnggnngttt ttcttnnnnt ngnttgggng gnccttttac      60
tcgccctaa natcaganat tggggtnnng ggggggnntg gctcgnatcc tntgnnttct      120
ctnagaatna gtgtntttgc tnnntngtct ggggnatttc ncnntttttt ttctnggggg      180
gntntnnnnn ntnggggggg ntntcntgng ggcncnntgn ttgctancct nnnntngtnt      240
cnatgntntn cnttgntntc nnactttntn ttgtnattnc ttatncaact tctncnttnc      300

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nataatctcat	gttggtgnet	ttcattttnc	nnaagttcc	cnntgntcna	tntttnttat	360
ncncnnntt	tntgetntcc	ttttntnta	nagtgnact	ntctngttnt	tnncntntt	420
tacnnanntt	ncttnttant	tttneenttt	tntttecnnn	ngetgttnan	tngggtnent	480
cngentttct	ctcccgntct	ttctcaatcg	ttectnnctt	ntctnctnt	gngnccctgt	540
tnnatTTTT	tnntntnccg	anctenttac	ntcentctn	gtaattntcc	ctnctaateg	600
tntgcgcnnt	ntcccttnat	tnntctttng	ngatncttg	gnatctcnnt	tcctangtc	660
tatntgctnt	ttgttccnta	nangcncta	ttntgtgncc	tctcnegntt	gnggttctct	720
gtttgtnnng	cnnccgtgcc	tcttaaant	tgctctntgn	ttncannngn	cntttntang	780
gtctntngnc	cctnttnnac	cnactttgtt	atntatecgt	cnntcggtna	gttcnncnna	840
tgctgttttt	ntngcnctan	tgtnccgtct	tctctntntg	nnctcnntt	cntcggtntc	900
nctatgnngc	tatgtttnnt	tnccntntc	tttccattnc	ngcgnnaccc	cctttntctc	960
actnttnatc	ttctnatnac	ctntntnnn	ttctnttag	nntntnncn	atctctngn	1020
tgttttntct	tcnnnccctt	ctnntgngnc				1050

<210> 4505

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4505

nttgnattgg	gcggtngagg	gntgaagggc	ccctttttct	tttttctta	aaatggcttn	60
gtggagcanc	tctnnnnntn	cctctganac	atcagaanat	atgggggncn	cgngcnnncn	120
nnntaccacc	ncantnctat	getagctncc	nnegncnca	antctnctng	accnncggn	180
cgctcttttt	gtntctngan	tnnaacctg	tnnancnca	ntnactctan	nnctntnnngn	240
ctntgngcag	ctggannnnn	ncnncnnna	ancnngcact	agnactncca	ntnantgnat	300
ntctnagacn	cnnncnctna	ttcnnttgnt	ctcaagttna	tnctnctnc	ccnncncca	360
accaccnncn	ancacctggn	gccccacnn	catnccnca	ncactancan	ntcctaacc	420
tcantctnnc	ncacnegacn	nctnccat	ncntntcngc	ctcctnccnc	acatntctct	480
acntttncat	ncntcccaa	naacttntnc	tnntccnnc	aaacacngcn	nnnnnncgct	540
ctcnntacnc	acnnctnnn	cnntantcnn	toganttccc	cataatnctn	tnnancnngn	600
ttcnncnctn	nattccctct	ccctagnact	ntctctctcc	ntctttatca	atcnncncca	660
necccatcat	ccctcnnnn	ccctcactt	ccttctncac	tcngacactc	tctntntatc	720
nncaacnct	anagctcata	tnnccactcn	cantatnnat	cccttctctn	ctactcnnta	780
tatctcnaca	cttctntctc	ncactacct	nngcgtctnc	ttctctncac	nanntnctat	840
ttctncaactn	cantntccta	ttctctttnn	nnncnanatc	tcacnnctc	ttctcgcncc	900
tgtnacann	ttcnctnctn	cactnccctg	nnnatnnnnc	tnctntntct	cnntntnact	960
catntntcat	atacctatc	tantatctnt	ncnctcnnt	ntntctttcc	ncactccttg	1020
cnacccctca	tcnactcnnc	cntanctcac	anntcnctca	cnetcancnn	ccnccctat	1080
atcactncca	tntctctnct	cacgtttaca	ctactcacac	tcnacntnnc	atcactcctn	1140
ntcnncnncn	tangtcnncn	ntactntatc	cactctntct	cacatctcnn	ctacncanac	1200
ntcnncacna	tcactctctc	acnctctnta	ncnntattacc	nntcactctc	ccctcannac	1260
cctctctcgc	tctnctcata	tctcnnnngn	ctcatnttct	acatntttca	ctntatange	1320
tcctctcact	nnnnncnca	ctatacgtat	atcgaanaca	acgtatntna	aaccnactn	1380
ntatctanac	tctctcennc	tnccccacat	tnctcttcc	t		1421

<210> 4506

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(952)
 <223> n = A,T,C or G

<400> 4506
 nctttttttct atagnncnnt tnttggggtc tttctttcca nanancgtgt nntcctcctc 60
 cncctaaana gnnaggetgt ggagncaga ccncnataat gacacnntan atncttaata 120
 annnntgatt ntntgccaga ngcncctctgc antgnnacng tnnngggngg gtgaacacac 180
 nctcntgcac ggntatcnag ancagncttn actnatnctg gactacaatn atgtgagata 240
 acacanacat tanntnnaan nnananactn tattcntntn tnactaganc gntcctncga 300
 tnggaatncc ctctcctcna ngaaactagc atggatgttc acattcaagt gtgggggatnn 360
 ttatcaattt gctatttnat aaaanatacc aanntntncc ctntncaana taattnnct 420
 cngatatatg gtccatccat ttantgaaan gctnttcncc ctttcaaaan gatacnnatn 480
 angncanncc cngtngcctt acttggetna ttaaaccnna natcantctt gnnagatng 540
 gngtnttcca ccannntttt nccnaagcc ttannntacc taacctcct gntcctccaa 600
 gctnctaccc tttccaaccc tcacgcnctn tcncaaaacg tcccttttnc tactctcnnt 660
 ntttccaann tccnaattn taccocattn cccnttcccc nctagcccnt naattntanc 720
 cntttncctt tatentcnnc tncacttttc gtncctcct nccctcatac cactttttct 780
 mnnatcncca ccccgncnnt cactactcat cagccccctc aactnctnnc ncatnanatt 840
 ttnaccnct cantcccttt ctntnncnc tctntntttt ctognacanc ctccactcnc 900
 ntctatcngn cnttttcenn nmentntctc cganncnnt nctcctccca ct 952

<210> 4507
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4507
 nagttttttt tgggtgggntt ttncaatcc ctctctccag ccaggatctc ntncntcctc 60
 naanaaaagg ntgtggcgaa ttcggcacga ggtgagcccc acaggaataa aaaacactgg 120
 gaaggggtaa cccctcacc cccgggagtg gccagggggg agagaggcta cctganggga 180
 angaagcaca aaanggaccc gctgcagact cagggcaaan ggaatgccat cngngctggg 240
 acctgtgagc actacangag gaaacgcaag cntgggtgna ctggttccag ncacacaggc 300
 aaagggcaaa aggggttgac actaancnc aaagntactt gggttcctcc ttcttctnnt 360
 ttgccttttn ctgctnctnn tncatganct ccaagtcct ntgnttgagg gcggcagcan 420
 aaagcccgtc atttcggcgc tttcccttaa ccnancgnt ctgctttttc atattctnt 480
 ggcggtcaan ctacgctgg ttaccgcggt tnatggctac ngcagcggnt ccaacctgct 540
 ccgttacgtn ccttttggtc tgcnnacnt tncangtccc ncccttntn ncaacgtacc 600
 cacagtcctt cttttctcc cgcgcccttc gcgccccggn agcccngntc cccatttgna 660
 caataaaaaa gcacctntga ttccacgnet tcnngecttg aatccctng tctnttaaan 720
 ngncnnnaag ntcccncaat cctnnaaccn ccnncatctg ntgaanccn ngncctttcc 780
 cntnngnnt 789

<210> 4508
 <211> 1454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1454)

<223> n = A,T,C or G

<400> 4508

aggggggngng	ggggnnnttt	ttnggggncc	nccccccctt	ttgtnttggg	gnaaaaaaaa	60
cccccccttt	tttngggggg	ggaaaaaaa	nggggccnnc	cgggttngng	gggaaagggg	120
gntggcngnn	ggnggggnt	cgnggggng	ngngnngng	tggtngngng	gggggggngn	180
gtgtngnggt	nggtggnnna	ggnnngggag	gtgnnggggn	ngggaccncg	gngggnggng	240
agngggnggn	nntgtngngt	ggtttttttt	tncgngngnn	gggggnnnna	ggggaggggg	300
acggggggng	tgnggtnggc	gngntnngtg	gngggggggg	gnngtntggg	tggggcntgg	360
gtcgtgnggg	ngcngtggtg	ngncggcggn	gantggngtt	ggcngtngng	gggggtgcncg	420
ncgcnnngng	nagnggggcg	tgggcnnngg	cngncgngca	cgnggggggc	gtggggcngg	480
gggncggngg	tggtgngggg	ggcgagnggg	tggggggggg	gngnagnggg	agnagngggg	540
ggnnngttga	gggagagggg	tgggngggng	gnnttnttgn	gggggatgtt	nggggggcga	600
nngcngnggg	ngggggtggn	tgtgggnnnn	gggagngnga	gtggnggntg	ggnggtngng	660
gtgngggngg	gggtggtgtg	gtgagcnggc	gagnggtngg	tgtgngnggg	gnggnngggg	720
gtgngggctg	cgtgacgntn	ngngagaggg	tggngagngg	ggngngagtg	gtngngtgtg	780
gngacgtggt	gtgtgggtgt	nngtntggnt	tcncgagngg	ngggnggtga	gncgngcntg	840
gngnntgtgt	ngtggagcgt	cngngcgtgg	ngngngngng	cngncggngg	tgggannatg	900
ggngacngng	tggttngngg	gtgtgngcgc	gnnggtgncg	gggacgtggn	nganggggtga	960
gcgncggggg	gaaggggtgt	gagttgtgan	ngngnggana	tnggannngg	tgtggtgtng	1020
tngngaattg	gcgancgnat	ggngtgcggc	gcngtgnggg	gcgtgtgngg	nnnttagggg	1080
gnccgaggat	ggggngngng	nggtgcgggg	gtgtgggtgt	ggtggngngg	cngacngcng	1140
gtgnttngng	ngngngggct	ggtcncgtgt	ggggggacgc	ggaggtgngg	atgcnnrtgt	1200
tgctgtggcg	ggnnngngcg	gngcgagngg	gcgnanagtg	gggggtggnt	ggttgtgngg	1260
gnggtgnggg	ggggngggng	gnntgtgcgg	ggngcggggg	ngcggcgtn	gtggtcgggg	1320
gggggggatg	gggncgngtg	gcggggngnn	nnggagtngc	gacgnggggg	gcgggnggan	1380
gggggtnggg	gtgtgngtg	gtgtggggcg	gngcngnggg	ngngggagcg	ngggngtcng	1440
ggngganggg	tccg					1454

<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4509

tttctaatta	tcangngngt	cgnnactnnc	nctananana	taggccttgg	ngaattcggc	60
acgagaactt	cntnaantgg	tgtnntncac	cnttngcaaa	caggntntna	agatgtgcnc	120
tttgggnntg	ctntttggnn	acatacatgn	ncnttacngn	tatctntang	nnaactcnan	180
aactntctng	aatttgncna	cnntgcnatn	tattgtgtga	agcgtgcac	tanctcacgt	240
ttaccantaa	nggtncatt	nccccatttc	attatntncc	acttataagg	ctcaaaaagaa	300
nttgtcccca	ttccggccca	anacacnctn	tttagnttga	atggntgaat	tggcaaanca	360
tgaanntcaa	accnattanc	cgnaactggg	cancnatccn	caanggcctt	cntacctgga	420
ncttgttnaa	ggtgggaanc	cnttccttag	gttccaaaan	ttgtancatt	ttaccttggg	480
cnnggtcatt	aatttnattc	ataacnaagn	ggtcnatttt	nttncttnat	gaccccatcn	540
gtgaaaaaat	tncctaatec	antaacccca	ancntgtctc	nttaattcca	agtcctntng	600
ccntnanang	aattcncctt	mncnanaann	ctnngatctn	ntnnnttnca	agcangnanc	660
nnggccnngc	nttngggnga	anaaatnccc	ttgnttnaan	cacanttcna	ncccaaggtg	720
tncaaaaann	ntcctgnaaa	tcttntttgg	cnnnannggt	cttttaccen	tanceccttc	780
ccaattggga	atcacttgca	antnganccn	ngtgccntta	gantttgggn	nnaaatnggn	840
ctaaacctcn	ttggnnntnt	tctctnntcc	gcnnnggaca	atccttnncn	anacc	895

<210> 4510
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 4510
 tggtnnnnnn naggttgggn ttttcaattt tntctanaen ccngnctctc gttcttttcg 60
 caacaancnn gcgntcgaa ttcggcacga ggnnncccg cngatcagnt nttctnnnac 120
 tcantaanna cttctgggtt acnggatcaa attgaatctg cntaggctgc tgtatntgga 180
 gganncnngt tgcngnant aaaanctggn catnnngang nctgancnt tncnnaaag 240
 gntangtcca ntgnnnctga tcancnncaa ntacncagnc aganatccaa anaccagtna 300
 tatatgtnc nttgtcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnct 360
 cnngaactnc ntncnactt cttncanntn gtcnnngaan ncnttnntnc atctnagctg 420
 gcacatgaga gtaccntct gctatgccag aagtatgaca ccaccaggtn atagttccta 480
 cgacnttac cactgtgact gattgagtg tgtgagaatg agngactnc atnngattnc 540
 ncatttncca tccatctagg ngccactctn tngcatnga ttntccctg gcnaccnaac 600
 tctnngantn ggatgacttn tcntnagant ngattcttaa natcnngaant ttgatgatnc 660
 tacttatacn gnnattttgn ccctncngna aangcattga agtngggtan ntaaaatagn 720
 naacnacccc anttgccaat ttnccaaaac cnccaaagcc tnaccccgng angggnnnn 779

<210> 4511
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (10)
 <223> n = A,T,C or G

<400> 4511
 nnnnnnnnnn 10

<210> 4512
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 4512
 ngtnatatgc ttntaatgc ttctnancga attcgganeg agagaagccn tgagcagcaa 60
 agtctntcgc gacacctgt acgaggcggg gcgggaagtc ctgcacggga nccagcgcaa 120
 gcgcgcgaag ttcttggaag cgggtggagt gcagatcagc ttgaagaact ntgatcccca 180
 naaggacaag cgcttttcgg gcaccgtcag gcttaagtc actccccgc ctaagttctc 240
 tgtgtgtgtc ctgggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300
 catggacatc gaggcgtga aaaaactcaa caggaataaa aactggtcaa gaagcttggc 360
 caagaagtat gatgcgtttt tggcctcaga gtcttttgat caagcagatt ccacgaatcc 420

tcggccccagg	tttaaataag	gcaggaaagt	tccttttct	gtnacacaca	acgaaacatg	480
gtggccaaaag	tggatgangt	gaagtnacaca	atcaagttnc	aaatgaagaa	ggtgttatgt	540
ctggctgtan	cttgttggtc	acgttgaaga	tgacnngacg	atgaancttg	gggtataaca	600
ttcacctggc	tgtcaacttc	ttggnggtca	attgcntcaa	agaaaaaact	tgggcagaaa	660
tggtccnggc	cttatnttnt	caagaaccnc	catggggcna	agccccaacg	ccctttnttt	720
aaaggcncat	ttggaattaa	attcntnttt	ncccc			755

<210> 4513

<211> 1166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1166)

<223> n = A,T,C or G

<400> 4513

ggagnttacc	ccttnnngaa	acccctttat	acangctact	tggtcttttt	gcaggatccc	60
atcgattcga	attcggcacy	aggctacttg	ggaggcnaga	gttttngaga	atggccngaa	120
cccangaggc	cgctggatnc	ggngaaagg	ctgttgngga	tantntanga	tcttgntgaa	180
tcccactcca	nganancan	nttnatnnga	ccttntcnta	nnnttantgn	ttncatatnt	240
nactcaanat	ngcaattgga	tntattnatg	cnncnanntc	acttatcacc	tngatcatnt	300
ggaaacnaat	aannatctcn	annangatcn	gtcanttnta	atantgngga	tcaacnntnc	360
ctctcntnnn	gggaatntna	ncntgggtact	nacccnnttt	nntaanacca	tcttnnccat	420
tnacnnncna	nngcnannan	annanantna	attnaattnn	ntntanccaa	gateccatcna	480
cgttangaat	tnttccccat	ngnggaattn	gcaanaacaa	tntcnnganc	taanaacaat	540
tcngccnntn	nacaaatcnn	ntnmanncan	nanncgccan	tntaatgntc	aantncaaan	600
cngeccngca	cgnanagatn	natnannnct	ctnantctct	ntnanccanc	ccatacnnat	660
tcgatancna	tnannacntg	gacntnctct	nnatcgtnnn	nacgtcatcn	ctaatanccct	720
ctcgtcatat	gcnnatgac	nngncctcta	acgcacnaat	angngcgata	tgatcnanat	780
attaagtctn	tantagtgcg	ancnctanan	nacnatggcg	nnatcnantt	naatgtatgc	840
gnccangtaa	nctnecgcgt	cncatagntn	nanncnctnc	tcnnannnat	gancnngtaa	900
natgtntacn	gnactntctc	acgnnatntn	cntatanagc	cgcgcanatn	cnaancaantn	960
nantanntcn	tatnangatn	attacntcgc	ttntncnacc	ncnaatacnc	ngnatnnana	1020
acatcngcnt	ntgnggtctg	ngntgannaa	ctcncannna	catntcnatn	acacnncgta	1080
nnnnanctac	cagctnntac	nntaatgatc	tcannnnncn	cacatnanat	ntatcatntg	1140
acntnctacc	attnacnnag	ngaccg				1166

<210> 4514

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 4514

ggnnnnnggg	gggnnnnnnn	nnngnggggn	gnngngngng	nnnnggtttt	nggggggggg	60
gctnttggtt	gggaaaaaaa	cccccntttt	tngggggaaa	aaaantggg	ccnnnnnnnn	120
nnnnnggggg	gnnnnnnnnn	nnngggggng	ggggnnnnnn	nnnngnnnnn	nnccnntgg	180
gggggggggn	nnnanngggg	gggnnnnnnn	ccccnnnnnn	nggggggggg	gnccnnnnnn	240
naannggggg	gnccnnnnnn	nttttttttt	ttgggggnnn	ccnanngggg	ggggnntnnn	300
ncccnngggg	gganancntt	tnnnnnnnng	gggggggggn	nnnnggggnn	nnnnnnnnnn	360

nnnggggggg	gnnnnnngnnn	nngntnnnnn	nnnnnggggn	nnnnnnnggg	ngnnnnccnn	420
nttntgnna	nnnccnnnn	nnnnnnnnnn	gnntgnntng	nnaaannnnn	ntgggggnnn	480
ngggnaacnt	tnnggggggn	ggngnnnaa	nnnnnnnnnt	tnnttnnaaa	aagggggggg	540
taggctnggg	gggggnttaa	aanngggng	ggnggggggg	ggnnnnnnntg	ggncgggnna	600
annnnnccnn	tttngggggg	nnngggggag	ggggnnnggg	gggnnnntnan	gggggggggn	660
ngnnnnnnng	nggggggnng	gggggggnnn	gnngnnngnn	gggggnaaac	gggggggggg	720
ggggggmcgg	gnnnnnnggn	nnnggggggg	ggggnggggn	annggttggg	accggngggg	780
ggggngggng	nggggccggg	nnnggacnnn	ggntnnagg	gggggcnggg	nnnggggncn	840
gtttgnnana	aaaaaannna	aangtggggg	cntntgggac	nttggggggg	gggggnttn	900
cggggggggg	cccggggcnn	gggggnngg	gggnccnnnt	ggggnggggg	ggntnggggg	960
gnnanancgn	nngnntnggg	naaggggnng	gggggggnaa	aaaaaanggg	gggnnnngnn	1020
nnnggggggg	gggaaaaann	ngggggggga	ngggggnnnn	nggggggggn	nnannnnngg	1080
ggggnnnnnc	ccnnnnnnnn	nnngggnggg	ggggnnngnn	nnnnnccngg	ggggnnnnnn	1140
nnnnngnnnn	gnnnnnnnng	gggggggggn	nnnnnnnttt	tnngn		1185

<210> 4515

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1142)

<223> n = A,T,C or G

<400> 4515

ccncangggg	ccnaacaan	agggncnc	nncttctntgg	gncaggggga	aanccctttt	60
ttggccnaaa	aaacngccct	ttgggggggg	aaaggnnggg	ccgggnccn	nggggccc	120
gggggggccc	canaaaaaa	acnnnncccc	ccnctntncc	cccctnnnn	ccnccnnnn	180
aaannaaaa	aggggggaacc	cancnaagg	ggggggccaan	anggggggga	aaantntaaa	240
agggggggcn	ccccaaaaac	cngggggaaa	aaaanncccc	caagggggga	cccaaaaaaa	300
nnnnnccnaa	accccnttgg	ggaacccaat	anccccgggg	naaaaccccg	gggaaaanng	360
nnnnaaaaan	ccngggcccn	aaaaaggggg	cccccccnaa	annntncccc	acaaaaatna	420
aaaagggggc	accntttncc	cgggaggnaa	ntccaagg	gggggacaag	ggnnantttt	480
gccgggggga	aaaagggant	ccaccccccc	ccnaggaaat	caaggggnng	cggggaaana	540
gganggcntn	acccaaaacc	cccgggggna	cggngccng	ccaangaaaa	agagaangna	600
ntnttnnaaac	ccgggggana	aagnngaanc	ncgncgnnan	nggaagnggg	ggngcccccc	660
ccaaancaaa	angncccccn	agggggcccn	naacnggnaa	cncnnggggn	nnaaaggggg	720
gccnaaaagg	ccccggggcc	ccaaanance	anaccnng	nnngnnaaac	aaannnccaa	780
acccttgggc	ntntgggggg	nggcaaaacn	aaccccccg	angggggaaa	aaaaaatang	840
ggggnaaaaa	ggaaacccaa	antgggggcc	ngggcnggna	aanggnccgt	accccccg	900
aaaaccccaa	ncangncngg	gggaaanaac	aaggcnatgn	ngcccaccgg	cggccccang	960
ccccaanac	ccnnntagn	tnctcccccn	ngaanaaann	acncgcatcc	cgggaaccca	1020
aaanngggaa	nagccnccgg	gggccaagg	gnncanccgn	nangcncenn	ccncccg	1080
gncannnccn	anacntnccg	ggcnnnaacc	ccccaaanga	anccggggga	aaanaagggc	1140
cg						1142

<210> 4516

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4516
 cacaccncaa angcacnnna aacnancacn angnccgaaa cgaccennaa cgcgcgcgcc 60
 acnnacnnnn gacgcggnng aannnnccgc gnaaaagacg nagcganaan caanacanag 120
 cnnncacaaa ncaccncnca cccccnccg agtntggaaa ccccnangca aanaccacc 180
 ccacgnacgg cgaggggaaac ccaaccgggg ccgcaatntc gncnacncng ggnagatanc 240
 acnaaagnnn nnccaccact tnaattaaac ccagcaaaaa caccacacan ggacacaggg 300
 gggggcncag gganggcnac ccgcannnna cccacanaca aaccggagnc gcgncgccac 360
 annacacggn gcacnaanca acaccccaag anacnaaagc ccncnanggn aanagcccna 420
 naacganncc ancncanac aaccgaacac acnaacgcna cngaacaaaa accangcnac 480
 agagcccanc gcannngnaag naaagcccac acaaanagca cgccngnaac nagaaagccc 540
 aacagacnna caacagaaac nanaagacaa accccacggc ncnncaanag cccacganac 600
 cacgnaancg nnacccccaa gcanaaagcg agaggaaccn nnncanaaag ncgcgaccgc 660
 ngcgngngga nacaaggaaa ncaannaaaa aaangaganc nccncacnag cccaaanaa 720
 cccggnanaa ccgcnnccc g 741

<210> 4517

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4517
 ggcanttgt cttttgcnga tcnctcggtc gaggacnctc gagagtntc atgtactagn 60
 atggtactgg ctgncnngcg aatatctnng accaattatn aaanaaatat gtgtagagta 120
 ganataaant ggtaactagt nnnttatnag aggggaagtn ggntggnttt ataaattaaa 180
 tgaacattta tgcggtcggt tatttnnacg taaaaatagn tggtatatc taggnaacag 240
 aaatttagaa acctattttt ctgtagaaga aagggtgcgc tatctgctnt tgatntctca 300
 gatatttget tctccttaga atgctatgan cagatntnta ttagaatgaa gttntctaaa 360
 ggctttgatt ggcatgagct mnattactta ttngcttang ttaangatta gccaataga 420
 catattatct ttatggacca ttgcaaattt ntctaantc taaccattnt taacctttta 480
 tatatgaatn acnnaggaaa ccatnnnatt attataaagt ntattcctgg cncnntggaa 540
 ngncactcaa tnangtattt gttaattgna gntaaatgat cccagtnng agtagnnacc 600
 tnncangttt ccnnggggaa tnccttntct accnaccgtg gggggnntac ctctnnaaag 660
 attgtttttt nggttcccaa ctnnaccgng gaaaantacc ttgggaaacc tggnccccct 720
 nnagnanaat cntcgntttg ggcncactg atc 753

<210> 4518

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 4518
 mnnnactana nacatncaan tnnntcannn acnctcanan nnaacannna tacnncnnc 60
 ananatnana natnncnttt caccacanan ctcaactnccn tacacannct cnacnactnn 120
 cnaagnggag ggaanntagn gantannaga gganatngaa angcggcgca cantaatttn 180
 taaaggnngg ntctntaant ncttggnat cgnccctcat gnaggnaccc atcgcannc 240
 ctngatcnc cncacagang ttacatannc actgttgac cagcncagta actaggtatn 300

tnacacctac	annactcaca	ngtgcaegg	tntanngnnc	acntntaact	gctcttcatg	360
cttnccangc	cctatnnang	aaanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngetnc	ctaaacnnaa	tntntatcan	acaagcnntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaag	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgcctg	ggctcaccct	gcttaanaac	aaggnetcaa	600
cnatcngncc	ataccctnn	tattaccena	gatgggaaac	ctctgnanaa	tggtgncact	660
ancctngact	ctantctctn	atatactgen	netntatngt	caatcncnat	ntaaaccata	720
anggttcaat	agcctataaa	aagngcgccn	gaaattagta	tgngnnattn	naggtanana	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	nncctctgca	atnctctcac	ctccccatnc	900
ctcaacatnc	caccangaa	accanaatgt	gntaancctc	nttncaacaa	aaatngnngn	960
ggtaagna	cn					972

<210> 4519

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4519

tnagnttttt	ttgtgggttt	tctttttact	aanngctggg	ntatcgttct	ttccgcagna	60
accntcgat	tcgaattcgg	cacgagggga	ggagaggcgc	ggggagccag	gcctcggggc	120
ctcggagcaa	ccaccgagc	agacggagta	cacggagcag	cggccccggc	cccgccaacg	180
ctgcgcggg	gatgetccag	accttgtag	attacttctg	gtgggaacgt	ctgtggctgc	240
ctgtgaactt	gacctgggccc	gatctagaag	accgagatgg	acgtgtctac	gccaaagcct	300
cagatctcta	tatcacgctg	cccctggcct	tgtcttctct	catcgttcga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggtgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tgccgcgcag	gtagcgcggt	540
ggttccgctg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagttc	ccgagaagcc	600
ancntgagat	tcacatttta	cctgattgcc	tttattgccg	gcattgcccc	tcattgtgga	660
taaaccctgg	ttctatgaca	tgaagaaagt	ttgggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttggt	actacttnat	ttacttnt			759

<210> 4520

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 4520

gtttttttgn	ncngnaaac	cttgccannn	ncggancagc	ggacncggtn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tgatcgaa	gnccattatg	cnattcanat	gngcccntt	ctnangnggg	240
tggnccntc	naccntngt	gncgtgcag	aactgannnn	gacggaccgc	ctcantcnn	300
ncnaacgtgc	aanatgtatn	nanncaggtg	aaggggaaca	ctaaccaagc	attgaggtcn	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420

ttcccaggna	gctnagaanc	cgcnattcc	tgaantcaga	cacagaatna	annctacccc	480
gnngcaggaa	ncntncntt	gaaaattttc	ctnacggngt	cnttacntc	ttnggcttgg	540
ggantnantn	gggcaccaag	taaanntntt	ntgcnaccn	ntgggggnac	cctttccatc	600
tgacccattc	nnngctctgt	aacttgacan	gntttntttt	ccgcnattgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cttttttttc	ttaaaaanaa	aaaagtttgg	720
tccggctttt	attcnattgg	tngggatggg	ggggggagga	naaccannta	aagggtttttt	780
ntcnngaate	cccnggggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840
t						841

<210> 4521

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (938)

<223> n = A,T,C or G

<400> 4521

gnnnccnnntt	ctnnaagggg	gggcaggggg	ggtttccctt	tctnacagcg	agtgaggacg	60
tcnnantcgc	ccnaaacana	atagggcggg	gnaatgcacc	accagggaca	ctcagncctc	120
cnancggcgg	gcctngngng	aagaagccan	ngggctgggc	tgatgnnaat	ggtagnnnac	180
anngatccct	gggggcatcn	cngaccnnan	catacnagt	gnannanccc	ntnatnncct	240
tgnaaancnt	nntgnaggan	gcanttcact	gctccaagaa	cncctggtgc	aacttgacan	300
annggctcca	tgccctgnag	cccgcagtna	tttgccggtn	ncanacagag	cacatccatn	360
ggggaaatgg	gnactnaten	atntgnctng	aaaagnagat	gccncaatcc	tgacacnccc	420
accactcccc	atganacntc	tgcnnggatc	ttnagggacc	ccccgtaact	ggaaaacncg	480
nggccctgtc	cccactntaa	tgacnangc	acnccngagg	ggnggncntc	tactgnggcc	540
cttgctgncc	acnacgccct	ngaccgnncg	ccacctgang	ancgaaaccn	nagccngcaa	600
ccccnnngtn	cccancaccg	gcancaccatc	cccaagcaan	nnccctncncc	cccccttta	660
nnnnccaaat	cgntcccacc	tnanntnacc	nntcggcnaa	agtccaccgt	tccnnncana	720
gggcntnncn	ccnganatgg	cnnnatnnaa	cacctngaah	tctnnngancn	naacnnnnct	780
tccccaaana	nccttnagcc	cttngccacc	ccnnccctngg	gggaancncn	cctncggctc	840
aaagcctacc	ttgnnaattn	cggncaanna	ggcccccnng	ntnttccnnn	catactngcn	900
tccccnnngg	ggcccatnnc	cgaccncaaa	aggggcct			938

<210> 4522

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1128)

<223> n = A,T,C or G

<400> 4522

gctccacaga	gcggnntttct	nacngcaacc	ggacgccgng	naaccccnng	ngccgnaaaag	60
gaagggnggg	gcnagggcg	cncnncggcc	gnccngaacy	ggnacagana	cagttttttt	120
ncnaacacng	acnccgaaaa	natgcnnnga	gngctntncn	antnnnancn	nagagcgcca	180
nacgtngcac	aaangcngnc	ngccnagtgg	caccntnnc	gacantcccc	nagtntggag	240
acggncnaat	gacnanaatn	ggaccncngc	nanngacncc	ncacncacac	cnnnagngnn	300
gacangangn	gngcctaana	agnanangcc	cacnnntgt	gccacnntct	angngnntnc	360
ccaggagncc	ncanncgana	cnaaaangcc	ctnngggnc	aacnggtggg	accngccaan	420
ctnngggnann	cannaaggan	gnntcggtaa	ancctngnag	gncngcagnn	anacgtcacg	480

cgnggcctca	ctnnacanc	ctancancgt	nccanntngg	gntacactct	ccaaacnaca	540
tgagtctcct	cncnnaaant	ctcgggggng	nnncnncccc	antcatacnc	ancccnegna	600
aatnaatata	ccnecgtana	tnccggcaan	atctgcngcg	acaagannna	gaccncncta	660
cgactmntan	ccannctann	angggncaaa	acggngcncn	cncagnaaga	cncgggcann	720
tncaanacan	cncncattnn	anannggctn	actctnagaa	nacntcctnn	aanctcanct	780
cacccttncc	ttgctntcac	gnggcatnna	cactacattn	agngggntca	cactcttcaa	840
aaggngctccc	tggncncccn	tngaaatgca	ncnactcttc	ncnanngnnt	ntccnagcaa	900
accaanagnt	caaaccncta	accanancn	cnntccccctg	gcctgggnc	ctttaaannt	960
gganaccant	cncctatngn	cnnccgggaa	aaaccncnt	agcccacaaa	annangctng	1020
gtgaagnnna	atggaaagnc	tatnctcaag	naaatcccac	ctatttaana	ataancngnc	1080
cccgganccn	aatntggccc	cttaantncc	actcctntngn	naccgggc		1128

<210> 4523

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 4523

gnattatngg	cctaaatnnt	tgaagnttgg	tgatnctgcn	tngggggatng	tngttnccngg	60
caagcccatg	tgtgtacnaa	agcttctccn	actatnccgc	ttgncggnc	acaannttnn	120
ttgagataaa	acaannactt	tnccnagngt	gtcaaataana	gctgcggacn	agaatgnnnt	180
tncanctgnc	natgncncc	gcatatgctc	naaaagacnc	nganagggan	ntgnnttttc	240
tcctttgtnc	cgtgcctcnn	acttttagtc	netggnggaa	gganccnacc	cnatantgct	300
aaantgcatt	ggcnanttga	aggtnaggta	gcaaaccgact	ncctanatga	taanggtccn	360
gttanannaaa	ncttngtng	gacncnangg	tnnantnang	gctcnnttng	gccttanctt	420
nacngctag	nngnacntcc	ganttatng	gnncttcatn	tcaggggntt	gctttannngn	480
gacagntaga	ccgaagattg	gaaanngann	ttgggtggnc	cattgnncnt	actnnngttg	540
ttccgnnana	nnctggngang	nttgantngg	tnggacnant	ttgnaccnnc	ttgggttttgn	600
gaccaatcng	ngcaaacaat	ggcaaaaatc	cncttctntt	tcttnaaana	nntaanaatt	660
cttanggttc	ctgggggggc	tccctctttc	tgcnccaacc	tttncccaat	tannctttac	720
gntgggntnc	tnntcaccaa	aaacnnttgg	gganggtccc	aancnccnng	gggaggncaa	780
aanaancccc	cattggcccn	ccnnacctat	tttgccnngg	tnnacgaann	attctanctt	840
ttaannaann	cnatnttttn	attntttttc	ngaacc			876

<210> 4524

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4524

gtgntttcta	atgcttctaa	tngettgget	actcgttctt	tnctgcaggat	cccatcgatt	60
cgaattcggc	acgaggannt	ctntgctatn	gaacagnggc	tggttnnacac	tnnggannta	120
nnmntgnacn	ntannnattg	nancanntan	tactggnnnt	ccntaatncn	nttaatgtna	180
cntnttgcaa	gnngnnctga	tnaaatacac	gacaggaggg	aaanctantg	cgtcataggc	240
acaggcagac	ctaccgnnta	aggagatnat	ntnccnnang	gntggctgtt	gagnnatg	300
aactctggna	tgtatttccc	tttataggac	caccttgtn	atngtggata	aagcccctaa	360

agnaggatgn	naaagatgat	cngatccaat	acgttacnct	gacannaaan	nntgtnatac	420
ntcngctgan	caatctntcc	ancnnntnta	atatcgtgna	tcacctaggg	tgtatgatch	480
taggaactct	gencctncan	tcnggactgt	ccatcacnga	ctnntgggct	nctactgtac	540
antangcgna	gaanancnnt	cannctacan	ntaaccagat	tggtgctggn	anatgggtant	600
gcnnntttan	cncccacgac	ncaataaaagn	ncnnctntnc	cccanancct	ntnnagggaa	660
gaaaggaatt	ttncatagtg	ggctcaatga	anggggtacc	cttggnccttt	ntaaaaaacg	720
ttncatgggn	cctaccttaa	acctgngtna	actnanancn	nttngncata	anggggtctaa	780
cgncatang	gggnacnnat	ttttnc				806

<210> 4525

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4525

ggnnnttctaa	tgttttctaa	taccttggct	ctngctcttt	ctgcaggatc	ccatcgattc	60
gaattcgga	cgaggaaatg	tgtattttcag	tgacaatttc	gtggctcttt	tagaggtata	120
ttccaaaatt	tccttgtatt	tttaggttat	gcaactaata	aaaactacct	tacattaatt	180
aattacagtt	ttctacacat	ggtaatacag	gatatgctac	tgatttagga	agtttttaag	240
ttcatggtat	tctcttgatt	ccaacaaagt	ttgattttct	cttgtattac	attttttatt	300
tttcaaatg	gatgataatt	tcttggaac	attttttatg	ttttagtaaa	cagtattttt	360
ttgttgtttc	aaactgaagt	ttactgagag	atccatcaaa	ttgaacaatc	tgttgtaatt	420
taaaattttg	gccacttttt	tcagatttta	catcattctt	gctgaacttc	aacttgaaat	480
tgtntttttt	tttctttttg	gatgtgaagg	tgaacattcc	tgatttttng	tctgatgtga	540
aaaagccttg	gtattttaca	ttttgaaaat	tcaaanaagc	ttaataataa	agtttgcatt	600
ctactcanga	aaaagcatct	tcttggatat	gtcttaaaat	gtattttctgt	cctctataca	660
naaaagttct	taaattgatt	tttacagtct	ggaatgcttg	gatgntttta	aatantaaca	720
ttttatattt	tttaaaagac	aaancttata	ttnatcctng			760

<210> 4526

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1236)

<223> n = A,T,C or G

<400> 4526

tttgttggng	tttggntnng	ggtgggggct	tntntttaan	gnntgntnta	aatcggtgng	60
anagncccta	anatngaata	gggttngggg	ccatncnntt	ntcntntacn	nnnnncnct	120
atgcggnnnn	nngcctcann	ngnacttttt	tanatnat	tttnnccctg	nnanngntnt	180
actcancgtn	ntgtntngnt	nctantccaa	natacatgga	tntgcccnn	actnnnnacn	240
ntacaggngc	tngcccngnc	nngttcnann	nattancnna	ccanntntc	ntnntntcng	300
anagagtnc	gcnnntctng	aaatgttanc	gccnctcgaa	cacnntnta	tcnctancn	360
gttctcttgt	ctnnctctnt	anatgantcn	gancttttna	atngagtncc	taatctcnan	420
ngntcttttn	gatentntgg	tctttgcnta	ncttnnaacn	tccttttgnt	tangananana	480
anccttcnta	aattnannca	anttnnnttc	ctnnctaagn	anngnncctt	antnntntnc	540
ttnnantacc	ctnancnttn	ttcnancnna	tcnttcncca	cngtntntaa	ntnnantnna	600
tttcnaantn	cctnnentca	acnacntcaa	ntacancntc	ctctcnanc	atcacaannc	660

aannncnact	aanncgtact	atttctncta	nggntccnecg	ctatttnttc	cnacttnctn	720
ccaanannat	annntanaaa	atnntccttc	taacnttnecg	gctantctca	tctctnnctt	780
anntnnntc	agcgacanat	nnnnncnctnc	atatanatnn	ctcangtann	aantctnta	840
tntntnccct	nananacacn	ntctntnnaa	nttcttcnnt	ntcttantnn	natantttcn	900
ntntnttann	natacnaact	antntncntn	nttntnatnt	nnnatatecca	cctntannnn	960
cantntncna	tanntctnat	tnaatcnct	tctacancct	annnnntcnn	centttnta	1020
tctnctttct	gnngaatata	tcnatattct	netntannna	atttntttct	ntenctctnc	1080
antataatat	tttngggggn	tntctnatna	tntnctctnt	aatttttncn	nnntncnntt	1140
annaaacctt	ggngaaatta	atctcntant	catntatnct	nnngggnatg	tacaccaaan	1200
ttnggttnan	nttntnttct	tcantnntaa	nnngnn			1236

<210> 4527

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4527

tgnttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaagg	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaaag	tgataactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aaatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540
agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	catttaaaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

<210> 4528

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4528

tgnttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaagg	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaaag	tgataactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aaatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540

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agatcagaca gaggactact gttcgaagat ttttgaaga atactgagaa cggcataaaag      600
tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt      660
aagctcaant agttttttta ttattattat tattaaaagt tattcaggac tgatgtgact      720
ncngatttna gaacatgtgg taatagtnta nt                                     .752

```

<210> 4529

<211> 1017

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4529

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gnttttgaat gctgggagag cggatngngg ctggnnngcg cccaannaag cccctttgga      60
aaganccgng cnggtttgggn gaggngccan ggggnagnaa agganannngn gnggagngn      120
ggggngccn cngtttagng acagacnng gggagaaaac gggggcgcg gncggagag      180
cgggngann atgnagggga ncggnmagnn nnnacagcng aaagggngcng naagngggag      240
nntaaggggn ncngngncn anacncgagn gtangggcnn gncagagccg cngaaganag      300
cganncgga ggcncgggnn gnggggggca tggccgngnn nnnngngnag ccnagtnagc      360
gggnagaggg nangggcgcg gggggagngg acngggggan gccnngcgga nggaatagna      420
gggggagggc nngngagggg gncggngagg gggannccnn gcgngggggg nagnngacgn      480
ganacgagng nggccgggga ncgggaggnn gggggncnn gggggcgga cnggganggg      540
gaggngngng gggangggan gggggggcan ccggnacngg nngggngngg gggggcaggn      600
ggngangggc gngaggnccg cggngnnng ggggaannng gangnggggg ggnccnnggg      660
ngngngggga gngagagggg ganagggggg ngagccnggg nnnncagggg gnanagggnn      720
ggngnnnagg nggcgngggg gaggagngng ggagnganaa aagngannng cggggnnnnc      780
gggggngngg gagancagnn gggggggcng cngaaggaa agggcggnnn agaggngcgc      840
nggggggncn ncggggagnn cnggacnenn gngggggcnn annganaagg gnnngggngn      900
ggngggannn gnnngncggg gngnncgagg ngngnggggg gngngngggg acncnggnag      960
ngnnngnggg ggcncagnga ggggnnacac ncncgggggg nnagnnnnnc gggcgcg      1017

```

<210> 4530

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4530

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ggaaaggggg ngnnntttct aaaggngctt ttcaaactnt tggctactcg nctctangta      60
ggatcccatc gatgcggaat tgggccacna ngnnaggnag ggnntgcang ctggngtnt      120
cactgataca ngcacgcng tatgcaaagg aaggaaggga gcttaatgcc angaacagat      180
nttgcagttg gtgggtctc aataaangtt attttccact gaaaaaaaaa naanaaaac      240
tngggcctct agaactatag tgagtcgtat tacgtanac canacatgat aagatacatt      300
gatgagtttg gacaaaccac aactanaatg caangaaaaa aatgctttat ttgtnaaatn      360
ngtgatgcta ttgctttatt tgnaaccatt ataagctgca ataaacaagt taacaacaac      420
anttgcattc attttatgtt tcaggttcan ggggaggtgt gggaggtttt taaattcgcg      480
gcccgcggcg ccaatgcatn gggcccggtg ccagctttt gtcccttta gtgagggtta      540
aattgccgcg cttggcgtaa tcatggtcat angctgnttc ctgtgtgaaa ttggttatcc      600
cgcttcacaa ttttcacacc anccattacc gagcccgga agccataaaa gtggtnaaag      660

```

cctggggggg	tgcccttaaa	ttgaagtga	gtttaacntc	cacaatttaa	atttgccgtt	720
tgengcttna	acttggtccc	gtttttccaa	ttcggggaaa	aaccttgtnc	gtnncccaac	780
ctgcctttna	attgnaatcc	nggcnnacc				810

<210> 4531

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 4531

ntnggggggt	gaggtctac	natnnagngg	ggctnncnt	gctctccgna	ncagnccggc	60
ggngnogaat	tcggcacgag	ccaagnaata	cctnggtaaa	tnttctaacc	tnatantgta	120
tncagggttn	atgggtcatt	tagnttgaga	gtgttaagag	actggagttt	taatccaata	180
ngngtgcctt	ttggttctca	gatatacata	caagctgtga	ttgtttagat	gtttccatct	240
ttttatatat	gcatacatat	attattattg	gtgttnttta	ttttnaggaa	ctgaaagaaa	300
atggtgaatt	gctgcctatn	ctgagaggag	aaaattaata	aatcttaaac	ttggtgcccc	360
actattgtna	gaaatatcta	attacattgg	gagcagntca	tgatntagtc	ctcagaaatg	420
gactaggaat	agaaaattcc	tgctntctca	gatacatgtt	ctgtgtattt	ncaatgtcgn	480
gctaaatnaa	tgtatgttac	atTTTTTTTc	ccnccanaaa	aaataannaa	aaaactcnga	540
gcctcttana	netatagcga	gtcgtattnc	ggnacnatcc	agacatgata	agataccntt	600
gatnagtntg	gnccaaccnn	acctagaatg	caantgnaaa	aaangcctta	tttcccgnaa	660
atTTTgngan	cgctntttng	cnnaattttt	ntaaccnttt	tttaannccg	ccaaattaan	720
ccnantttna	cccaacnnnn	ccnaatttgg	cnattccent	ntctnacngn	ttttccaagg	780
cttccaannn	ggtcggnaag	ntcttttnga	aant			814

<210> 4532

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4532

ngaagnnnnn	nnnnnnngtn	ggctntctaa	tntngcncaa	nngctgggtct	actngnnntn	60
tcncantat	cctnctaca	cgaatecngc	acgagcnatg	atgnanateg	anatnnactc	120
tngttgatgt	atatatttta	tnacactgg	aacagctcac	ncnctcancn	tcttgctca	180
nnacctggat	ngatnnccgg	ccncatatga	gcaacttcat	tcgagaante	acctgtagge	240
ctgacagcct	naaanagtnc	cctttattag	anagtantnt	gncnacttct	gatctgtnat	300
ctttatgtna	agcatgtnta	ttntgnacan	catatacttn	gantnctctg	ncctacngca	360
tattctaatg	tnctangnn	tataaattgg	ngtgtccaga	ncnccnnnt	taaatttang	420
ccngttntat	taataattga	ncctagatct	nntctaattc	taaaatnaat	cnatgtattn	480
cctgacctgn	tntttattca	atctgtttat	gggaaagcat	catgcancct	ttacaaatta	540
tntnntcacc	tctncaengc	nagctttctn	nntcnnnnaa	gtnnnggcta	tctgantatn	600
gtccgcatec	cttgacnnnc	tagntntecn	ttnaattatc	nctggataca	ctgtggngcc	660
tagttaaann	nccatncctt	tcnangtgga	atngnggnaa	agcgccctnn	ggggancatg	720
gantttcaca	aagcctcgaa	ngtcccacgc	ctngacgaat	gcaaattccn	angnttgttt	780
nn						782

<210> 4533
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (867)
 <223> n = A,T,C or G

<400> 4533
 nttttcnnng ttggngnnnn ngnnnggggtt tctaattgtng ctaatggccg tggctactcg 60
 ttcttnccgc acgcagnncg gngnttcgaa ttccggcacga ggtcctnntn nttttnttng 120
 nngetggng gnaactctnt attnnantgt ccggnagaag gatggngtg ngaacanggt 180
 ggnctgtg cngctncag ctttcactcc ggnggggntc natgctgtcn nggnccgcac 240
 gnaactgccan gnnacannc ctggcctccc gaggcangca cagcaagtgt gacgggactg 300
 gaagccnttt ncacgacctt gnatgngctg gtcacgtcac agtcantggn tgccactcta 360
 caggctgttg gggatggntn ancaggggna cactgtgcat nactaacagn cacctgngta 420
 tgtgntgcnt anatcccggg nctggnnnaa cctccngctg ntcccatgca ccacaagact 480
 gccantgtng anttgcntga ntccttntctg cnnnttttcc ancnatgana anctcctccc 540
 tgcggttcnc nggaccngtg naanantccc gaagccccctt ngcatggcnt nggnttgtgg 600
 accnncccg gcttttnancn ggccttcccc ctanacggct tgntancccc ntttctacna 660
 tcccnggctc nttcnnnnt ttctttcata aaccgctgc gtccttncac ngtcggnttn 720
 ctccgggnc ntnccctctn ntggggngnt tccccnccct cctcaaccct ttngncccc 780
 tggattntac ctannntcc cttnaaatc tnnccaacg gccccnctnc cnccgcccn 840
 ngcttncnc cgtntnactn acnnccct 867

<210> 4534
 <211> 1038
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1038)
 <223> n = A,T,C or G

<400> 4534
 ncccccttnt gtagncnnn ccannngngc tttctaaten ngngngggcg ctgganatcc 60
 naaanagacn ngccgggcna nttnggggcg agngngngng ggggctgnnt tgnnctnnaa 120
 antgngngta tcagnacntt cnacgntcn gancccgncn ccatantang ggccnngnan 180
 accctggcca acanntngcn ccaccatgnc tnnccccncc ttgacattnt nacnacnnn 240
 ctgaancnnt cncnctncc ctaccctacc accncgtgct cnaantacan gcttnagnnn 300
 ctncgcttag ncntgnennc cntntatcnc nanagnact aactcnnntt nnaccagnan 360
 nnnacnncn nactctgect nccatcggtt ancctanntc tactcnacga tacnncnttn 420
 accntcatca catcattctc tccctgatnn ntnagtnncc caaactacnc gcccnacacg 480
 nctgtgcntt ggtnccccac acnnncnncat gncnnnaaa ntcttncnncn cncntngcca 540
 nnccaccncc naaccctnac cntatttccct ntctccctnc naanaaacgt taaaccnccc 600
 taaaanatnc cccctatccc cnnaaanncn ntaccacctc nncggcnccc accccnccct 660
 cgnggacana anatctacct tccgncacna caaaccatc ctccanttnc ncnacnncn 720
 aatntncaac tttanntcna acctnnnccn tntanntcc cccctccnca nccccccatt 780
 tncctttcaa aanctccctt anccnnaacn tctccccctc ctaactaata tcntcctctt 840
 gcacantcna cntctaatc atncaccac tnnncatnca ctcttcaat atacntttc 900
 tcttcnnaaa anttncctn tncncanatt cctntcnnnt ctaactctct cntctctctc 960
 cctnnancac ntctctctca ncggtctatn ccacttncct ntncnctact ctntccnca 1020
 nctccaaann ccaccct 1038

<210> 4535
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4535
 tccccaaaaa aagaatcatt nggttttggg aaagaatacn nantcagnaa ctnttcnggt 60
 gtgtggtgaa aatgtcaccg tgtgtggnat accctatctc ctggctacaa gacctgattg 120
 aaaangaaca gtgtccttac accagtggaa natgagtga tcaaagactt tgatgaaang 180
 gantntcang agttgnatga gctgcagaag aagttaaata ttaacatttc cctggaccat 240
 aagagacctt tgattaaagt tttngggaat tancnttaga tgtgatgcag gctanagatg 300
 aaattgaggg cgatgatcaa gagaagatnt gattggccaa aagaaccagg aatcccggnc 360
 cagattcgtn ttinantgant ttatagggnat ggcancnttn atggacnaat aaacacttct 420
 tcatttgttt nttaacnaaa ntgtncnccn ttttgaaact cnttngggat gccanagggg 480
 aggnnaaacn ntaagnccctg tttcccccaa aaccngnant anancggtnn gtganaatat 540
 ntataattgg tngtcctttg nnttctcttc nngngngngc anaaananat tntttggncn 600
 ntgcgntgtg ngcncccttt cnaaaatctt ttgattngcg gagngngnna nnnnctctaa 660
 ntgnntttcc gtccctttga cncngaant ttgtgggnnt ttgggggcca ttatnataa 720
 tttttntna gntcgggtgg aaaaatagnt cnccttctng nnaaaanata cnttccttna 780
 ggntntnaaa aaccnannnt aagnnngcgg ttanaaannt gtnaannact agagnntnnn 840
 gnatnctnt tgtnntatnt annnnnnngn ttngncnggn tnaaanttnn gccnctncnn 900
 attttantnt tatntaatcc ttntnnggan nn 932

<210> 4536
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4536
 atacactgac cttgcccgct catctgcgag atgacctgc aggaatacca ctatgtccag 60
 gagaaggctt ccaagctagc tgctgcctgg cttactcctg gccctctaca tgaagaagct 120
 cggatactgg gttcccttcc tggagcatta cagtggctac agtatctctg agcttcaccc 180
 cttggtcaga cagctgaaca aactgctgac tttcanttct tacgatagtc tcaaggetgt 240
 gtattacaag tattctcacc cggctctctt tgaagtgcgc aaaatncctg ccttggatat 300
 gttgaagctg gaggagattt tgaactgtga ttgtgaggct cacggcctgg tactctacan 360
 cageccacagg gctaagcatg catgttaaca gggatatatt attctatgtt cgaatttgtc 420
 ttttgatcgc tcanattcat tttnccttn ntgtctttc ccaaactggn aatggtataa 480
 atatctatgt ngcttggttt tatgaaagga aannaaattg gcanatttga ctncaaattt 540
 aattanaaaa ttnatgggtt attggttaaa aaaaaaaaaa aaaaaaaaaa ctgcancct 600
 tttaaaacta taaagaggtc gnaatanccg gggngngcng gaccatggan aacaaacatt 660
 tncctgaagn tncgggcca accncaacgt ngnatggcaa tngnaaaaaa aanncttnt 720
 tttgggaaaa nttggggang caaatgcttt tattgccanc nttttnaaac tgccaataaa 780
 caagtttacc cccncaatn gctttcantt tatgttttnn ggccnngggg gagggg 836

<210> 4537
 <211> 1039

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1039)
<223> n = A,T,C or G

<400> 4537

atgggnnnnnn	nnnnnnntttt	ttttggaaaa	aaannnncccc	ccctttttttt	ncctnaaaaa	60
attggggcct	tttggggcaa	aaanttttngg	ccctncttcn	tnctttgggn	tnntggnnat	120
ncccccnnatt	cggnnatttt	nccggaaaaat	ttccgggggcc	naccgggnagg	gggnattagg	180
cccttttnana	nagncccaaa	nggtntntta	cccaaaggggn	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	360
aggtntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcatcc	tcgatttata	ttgcaagngt	ntcaaangtg	tcactggnac	480
acaaatagaa	acactgccaa	cttgggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcgatgatcaa	tttnttggtt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatmntct	660
naaaatatat	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgccagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatatgtaat	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnnnttc	tgattttgga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttnngetagn	aaacctntc					1039

<210> 4538
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 4538

ctnnncctcc	ttgatccntt	cctnctttga	anncatnngc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	acctacatca	gaagctgctg	gatgcagnaa	120
agtgaaaaca	gacaaaaaca	acacngggcg	aatcttnaca	ccattntggg	tgccnnatnt	180
nnccnnngat	atttgcttgc	tnagctctac	tcctccaaga	nannangnnt	caaacnctnc	240
agcangntag	agcanntnaa	gaccgcntnt	nctnacctnc	tnaagannct	ctgngaggan	300
cgcaatcctt	tngtggaana	tagaatcaac	agaccacact	gcnctctgga	ccatgngctc	360
tcaaangngc	tagaaggtgc	tgaccttttn	agactcttgc	agaagaggcg	angtggtnng	420
anacctnna	ggaanacttt	cccgaactag	accnncnctt	ncngaacnng	ntcaactgtt	480
ggggnngaaa	ncntgtgann	tgtngnccct	cngagagacg	gcataattcta	tgatggcnga	540
cttnatnctt	ctgcggaacc	anactngacn	tactgaaaga	aanctganac	caagcgtctt	600
ccttaaggac	ccttatatcc	agacnatcct	ttggataata	ccnctnggcc	aaaacctnnt	660
aactntgcat	acaatcngga	tggcaacatt	tgaactggng	gccttnanna	ccnttaccgg	720
cttttncat	tatgnaagag	ntn				743

<210> 4539
<211> 849
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4539

```

ccnctattg cennnacat ggggnttttc caccocgntc acgtggtggn cgcccanncg      60
necnagcang agcctacnan tcggaacata tcgcctttat ngctctttaac anaganntnn      120
ntnmtagnt cnattcantt atnaccagc agatccttaa tnnaggcccn tatattnctt      180
acctnattag aactntnnnc aaanntcaac tgnntnacct taatgnntng nagcacntnt      240
nacagnngna cttaaaactn tanaatntcn tnagnnnng tttattctcca ctgaaggnet      300
ntccactgtt caccatttca ngcatcatca ctatgattct ttcancanga ctntggcncg      360
gnttgncact gatctntnnc cnaatggcna acnagctgna tnntcnnttg gnctcnctta      420
taggaacnan caacactagc ctactgnatc atgatntccg anaactgaac catgaacact      480
gccatctnnc catgntacct gcatnaagaa ntacantca ctctgaaaca tannatgact      540
gaentgganc tnaactaattn ctgagaactg nnnntcaaan naccactta atngggntca      600
ncatnttgnn acncttgnaa tntaanntna nnnaaagacc nnnnttgant ngccncatt      660
ttannttgnn ccataataa nnggccacnn nctnaannt ctcaancan gnaaaagntt      720
ngcaacttnt tacnacctct ncttccccc tnnatctaan atncnnnata taccacttan      780
cccagaatan ctacnccaa nccanncant caccncccca cnattttatc tcacanttcc      840
ncantcct                                     849

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<210> 4540

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4540

```

gnnnnnnnncn cnnntggng nttgtggggg ntttnnaatg ttgcnaaaan gcttggtac      60
tcgttctttc cgcaananc ntgggttcga attcggcacg agggagacca tgcaaagcct      120
gaacgaccgc ctggcctctt acctggacag agtgaggagc ctggagaccg agaaccggag      180
gctggagagc aaaatccggg agcacttggg gaagaaggga cccaggtca gagactggag      240
ccattacttc aagatcatcg aggacctgag ggctcagatc ttgcnaaata ctgtggacaa      300
tgcccgcatc gttctgcaga ttgacaatgc ccgtcttget gctgatgact ttagagtcaa      360
gtatgagaca nagctggcca tgcgccagtc tgtggagaac gacatccatg ggctccgcaa      420
ggtcattgat gacaccaata tcacacgact gcagctggag acagagatcg aggtctctcaa      480
ggaggagctg ctcttcatga agaagaacca cgaagaggaa gtnaaaggcc tacaagccca      540
gattgccagc tctgggttga ccgtggaggt agatgcccc aaatctcagg acctnccaag      600
atcatggcng acatcnggc ccaatatgac gagctggctc ngaagaaccg anaggagcta      660
gacaagtact ggtctcagca gatttgagga gagcaccacc agtggttacc acacagtctg      720
ctgagggttg gagctgctga gacacgcttc acagagcttg ngacgtncag tccaatc      777

```

<210> 4541

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4541

antttttanct	tgaccccttc	aannangatg	aacataaago	tcttaacgttc	ttgaaaggat	60
naaacacaag	aataagatgg	ggtnccagtg	accagctcct	ctacctgggg	tcatggagga	120
ccgaagaccc	tccaaccttg	atgcctgtaa	ggacaggcgc	tnctgtaagg	gatcagggtg	180
aaagaatctg	gccatagctc	ctgtacaaag	cctctttgtc	tgaagtactt	gggtgctctt	240
tgacggcaag	aggggaacaca	acctgtccgt	ggctgcttgg	acctcaccac	gggggctcaa	300
gtggacataa	catctatctg	acaggccctg	gcantcacca	ntgggggtgtg	tgtggcagtn	360
gctgtggggg	gtgagaatga	ctgccaacag	gcacttctca	acaaatgacc	tnctgttttn	420
acattggccc	tgaaccaggg	angaaagnag	agggaccaat	tggagccctt	tgttnccanc	480
atttccttct	taaaaaaggg	gaganacaat	tttaaaggca	cngttgttat	ggaatttggg	540
aattaaaagc	aggaggcttc	aaagggtggg	tttcttgann	tnaaaggaac	acaancccg	600
ngggggcttt	tgnngggttc	naccannag	nccttccttc	ggggcangan	ancaencaat	660
ttngtnnct	nattgccatc	nnatttatct	gccccctttt	ttnantannt	tggtncccca	720
agaaattaa	tnnntggtnt	tattaaattc	atcttgttng	ctttnttttt	tggttcggga	780
aagntntttg	cntananacc	ccccccaaaa	gaataattga	attgggggtg	ccccttgcan	840
cctatttgat	ttnttttaan	gcctgtnaa	aaangnettc	cccanceent		890

<210> 4542

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4542

ngggntccnt	tttngaaagg	nctctctttt	aagacccttg	ctacttgntc	ttttngcagg	60
natcccatcg	antcgaattc	ggnnccgaggn	tggccaggan	ggtctnaatc	ctgancctca	120
ngaggnggng	gantgagttt	nagaanngcc	tgtcgnangg	agatttgggt	agaagccctc	180
atgctgagct	ttgtgtccct	ggtgatgttg	gaacattaat	gatggaacat	ggccaaactt	240
cagtcagatg	cctgaaacca	tggcttcagg	atcatgactg	acgtcatggt	ttcttccttg	300
ccagaaatga	aggttcagtt	atgaggcaac	cctctagtaa	ggcattgtaa	aagttactgg	360
atttggttta	ataaaaagtg	aaataaagtn	anataaanatn	aaanaaaaaa	ctngagcctn	420
tanaactata	gngagtcnta	ttacntacta	tccagacatg	ataagataca	ttgatgagtt	480
ttggacaaac	cacaactaga	aatgcagtga	aaaaaangct	ttatttgtga	aatattgtga	540
tgcctattgc	cttnatttgt	acncattntt	aagctgccat	anacaagtta	tncaaccacc	600
nanttgcntt	catttttatg	ttttcatngt	ncatgmgga	ggntttgggt	aggtttttta	660
atttcncngc	ctntngctcc	cantngnatt	ngggccccgg	ntcccnanct	tttngttccc	720
tttacttgng	ggggtaaatg	ccnccctttg	gngnnannna	tggnnctacc		770

<210> 4543

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (861)

<223> n = A,T,C or G

<400> 4543

tngtntntnnn	naaagnngnt	ctnctctana	gntgannttg	ntgntgaacc	caetnteccg	60
cannaancnn	gcgngncgaa	ttcggcacga	gcctantacn	gtagncttgg	agcatcacga	120
tttttttnna	ngcntgcatc	agtatactgg	aggacctnct	ngcnctgcng	gacanagacg	180
tccnacagaa	tnnngaaaac	ngtgctcagg	actanannct	gaccaacacn	cgtgcacana	240
agcaaggaan	tagggcngga	nancnantnc	ngnggcntnc	agctctgnen	cgcannatnn	300
gntanctnnt	gacttancgt	ganancaatg	aaggnnctna	accaaagtnc	ccanggggac	360
atnganaaat	agcacnangg	gccttgatn	ggacnntacn	cnntnccnaa	cntggntnecg	420
gggntgnnac	cntgggaaag	gagccttctg	catnnncnnn	cgccntaccc	atganenecn	480
ctntaccang	gctntgcccc	ctgagccaan	cncgctgggt	ntgctgcnaa	ngnaanaanc	540
nanntctnca	gatatggacn	taaccntgca	aatntanaaa	ncttgccaat	ttcnattttg	600
ccangatccg	ncnannccac	aatnccctct	nnaanagaat	cnccacncc	ccnenagaac	660
ctcngnaaaa	cattnnngnc	nccnccnng	nagctacaat	tnnctctcan	cctagganca	720
cncnntcgct	atgcncnccn	cttaccnanc	ctantctnnt	cgnancttac	ccnnntttac	780
ccntnnngca	tttccccnnc	accnttgnat	ttannnnatt	tccttctnng	ganatgcaat	840
tctcntgngc	acccaacaac	c				861

<210> 4544

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4544

tgtgngtgct	taagcagatt	gctatgatgc	atgtccataa	aacagnnttc	tttctgttct	60
attgtggagt	ttttctgggg	ctggaaaaca	ttcttttggt	atttccaaac	actgtctata	120
attaccagac	atgatataaa	cacataaggt	gccaaactgga	atttactcta	gaggggactt	180
tcctctcag	acttccagtc	aactcacact	tgtgcaacaa	agtgcattgt	gtccccctaaa	240
tatgcaagca	gaactgtgtt	tctgcctatt	tggtatctat	agtcctctac	agtcacttct	300
agagagacta	aaccaaattt	ctaccaactt	cacagggcaa	caatcaatag	ttttatctca	360
atgactcttg	tatcttcaga	ccttaaactg	attcagagac	catggggccc	acaaacctaa	420
tcaagagtaa	cgttttcatt	gagtacacat	ttcagacatg	agaatcttca	ctttccccctt	480
ttttctcttg	gtaaaatgtt	cacaaaatgt	gcaggtaaca	cctgctgggt	actncagcca	540
ttcggggccc	taaactctgca	gctcttcatt	ttggatctag	gtcttgagaa	tttgggaaat	600
agaaaaattt	ttatctaaaa	atgcaagtct	tttgggttat	caaactcaga	cattgaaaag	660
aaaagngcag	ttacgccttt	ctnctcnttg	aaanatgnat	tcactctntg	gaactgggtc	720
acttttggcc	ncaagttgat	gtntattaaa	ctggatatct	cacattggac	actggatctt	780
atccctaaac	cataatgana	tatgtccaat	cnt			813

<210> 4545

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 4545

tgggttttca	ggngcccctt	tnanacggnn	gcggcctttc	gcctnnnecg	aanagcccgn	60
gcgattcgna	gacngcnnga	naagtgnenn	angtnncttn	ntnatgggtga	ggacttttatg	120
nanctgangn	cantncnngn	cntgantatt	ntcnncnnnt	ggnaagatng	cacgtgtntt	180

ancctgatgc	cagntggngn	tatcccntnc	ncnnnttntt	nnttcacggn	gaacnnnata	240
natngannag	aatgggnatca	gagaaggata	ctcactntgc	tctcacngat	tagcggcgat	300
tngcntgate	ncngctgnca	tgnaaccctt	atctctgngn	ttcangcgac	tgannngtga	360
ncaccncccn	nctagntggn	acnnatnnca	ctectnngac	tntcengcaa	cntnttntnn	420
ctntnagngn	gtnnncngnn	ttncaccggn	nnnncncnn	ttngnnenca	tncttttnac	480
cccnnttgge	nccacannan	ctncctttgc	cataaannct	ttntnttacc	atganngnga	540
ttncnctt	ttngnctnna	tcnctntna	attcaatnec	tannentta	tcnncctt	600
tttcttgnt	ccnttttnt	gngnantngn	ctgggaantt	ttggtntecn	cctanntnga	660
antcngcctt	aanatccttt	gggtggacnt	tgggcangnt	tcttctnggg	gaateccctt	720
ttnatggaat	tggccttnaa	ggcnnttg	tcttccttg	caacctngg	ggtnggcent	780
aaaatggg	cctnaanttn	tttanaatnc	nnnnnantt	actnttttcn	ncctccaacc	840
nntttaccg	gttgggctct	taacccccag	gntgggaatt	tcaaaatttt	taaggnttcc	900
ccatttnttg	gaaaacctta	ntttngggac	ccccatttn	gggctncna	ttttnggaat	960

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4546.

tnttnttgga	aaagggcagt	gtctctaaac	ccaggcaaac	ggtaaatgtg	gggcatanca	60
agagggccgg	gtagtggcca	cttncccatc	atgctcgntt	ctcattttgt	gttttttagt	120
agaaaaacac	agggtgttct	tttgcccaga	cattaatctt	tagaatgcct	gtnttttcta	180
atgttgggat	ttctttcaca	accaccacc	ttaatatttc	cattgngact	caganaatca	240
gacttcattc	gattctntag	agaactataa	atactgttgt	cagtagaagt	gaantcttgc	300
ttatgtaatc	ctaattcaga	atgtgttctc	agaagaggta	ggcnnggacc	anantgggc	360
nagaccacag	gcagaggcca	aatccnnccc	cctgccgnta	gnagctaata	tnagttttac	420
accacttgt	tcattgtattt	tccctggcta	cttgtgggca	gcaatgccag	agtcaagtca	480
tcataacaga	nacagaatgg	cctggaagct	ggatttacta	tttcaacttt	tacattaaaa	540
cttgatgacc	cctgtgctag	acaggcagct	catttctgcn	ggtaaaatta	tatttcatct	600
tccaactttt	catttccaaa	atttgaacct	atattactgg	aggcccccta	cnnaagntaa	660
anttttcatt	nttcttttgg	ggggaaannc	tncagaaaaa	nccctnngcc	cntttaaaaa	720
cttnnatgng	ggtnnnttac	cctgtgccca	cctggaagg	tcctnngggg	nttngggcaa	780
anccccacna	nnngtgcccn	gaaaaaatgc	tttttt			816

<210> 4547

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4547

taggagtctg	aaggcctcgc	tgctttctgt	gatggctttg	cagtaagtgc	cgcttggcct	60
gcatgcattg	gctaacaggc	tgagaatgg	cacngaagga	ctcgtctgag	attgtcatgg	120
ccagagatca	taggtcactt	naggtagcaa	gaccctgnc	aaactgggca	cttggcctat	180
gtactgattt	gtgggatgg	ggcaggggtg	tggggtcctt	caccctgcct	gaattctctt	240
tggcttctgt	gctctgtatg	ctgctgtccc	caagggtctt	ttcttattat	ggcagngagt	300

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ggggattggt cctactttct ttctctggaa anggaaagcc tccaagactc catgtgcttg      360
ggcagcttga gaaggcggtc ancaccacgc ctagcaggca gaccttgaag cctcaccttt      420
antntatctg caagagggtat tcanttcctg gcacaaggga ctaggggcat gtanagtata      480
tgacgaggca atatggctgt gcnggacctt catttaactt caattaatag ggaaaaatta      540
ttatactcta tagatcctga aagggttcta agattaaan catccttatt aaaatcttct      600
aaanaantct ggaaagaaac acctaataa naaaaggctt gttnaaaan ccacagnat      660
gggttnttaa gaagcaaacn ccncagcatt tccatttaag taaaaactaa ccaaggcagc      720
ttttatttaa gaagngtccg gccttctaac cctgcacaag ccnatgagga catatggaaa      780
atattt                                         785

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<210> 4548

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4548

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gngcagctct tgttcttana gncaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcgggcc nagctgtgng ggacacattc nnactgcggc aggacntgtt tgctgnetna      120
tcacnttgac ttgtaatagc attaatnntc aagcgattga tntatnataa nngncattct      180
agcatngtnc atggcngann ncntcctggn anatgntaac ggtcttgcn nctgatnct      240
ctatctgnac tgggtctctg gcangggcct gatgnatngt anatactcgn tangtatcnn      300
ttngtntntc nggggntctn tcatgnnnng natnnnagca cccangaggn actacactnn      360
caagaaaaaa tggtnngctn ntacngagct gtnaagaacn ntggaaacntg ctatcctgan      420
gccnctnaac ttcacatcatg gatgcctanc ttgtatnnat gttncnttnt gnntaaccct      480
atgatctgan tntggacact aagancnntg tcatnggctg agngggctnt gaagngnact      540
cntaattatg acnctgggat ntaaacgggtg ctcacattgt cttgnanggn antttttcaa      600
aaanggattt ncgccttttg gnccntggg aattttaatag gcaanaagtt ttggcctaa      660
ttgcanang anganancct ggantgctaa ngaacggcnc tnttgectcn nggatggnc      720
cctaacttna aggg                                         734

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<210> 4549

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (621)

<223> n = A,T,C or G

<400> 4549

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tgnngggcna ganaccgnt ngggctgcaa gggccggctt gaccnaccn atnccggggc      60
ananatgcct gtcnagnonn caaaggaagg ttgtnncgct ttacgcctat tgggtgaaaa      120
aancccnttn tngaaggctc atcctcaaan ngcnntngc gttcnccga ctggcggttt      180
atncaccnct ggnaagagg ganttnattn naccgctct tttttanaag annnnaaagg      240
ttcngcatnn tggggcnnnn gnnacactg gctttgaana gcnanagctg agtgacatcc      300
accagatnc aaaatggtna catgtcaact gtggccgaaa acngggccgc actgncccat      360
ccgctcttcn ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg      420
tattcacaca ggctntgagg ggggagggat tgttntcaga atgcattaag cgcnttnaat      480
agcctgctnc ngttgctttg tcaantggtc ttnacatgaa tgcccgctcc ctgaatatcn      540
ngtaatcatc tatcnnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng      600

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gtcgtactgn gnaagagctc c

621

<210> 4550

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (971)

<223> n = A,T,C or G

<400> 4550

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nccncttntn tntagggngn tngtgggggt tttcnaatnt nngctaagtc tgggctcntg      60
nncctttntgc aggtatccca togattcgag ngatgcactg ngantacacg cncataaaat      120
cgcagtcctg gccanaagac gttatggnga ttgtgagga ctgggggnnt tggtcctntt      180
tnaggggctg tnnngactca aatcgggtgc tggtttcaca catatgtgtt ggtttgttgt      240
ncaactttct tatctganaa cncagtgat aaancattga tgnactgac caatctaaac      300
taccatcttg anagagtngc anctgaaant gatgcgatag gcgtgncaag tatctgatna      360
cttcttttnan gcatacgna naantgtatg ccngttacnc ttgnangata cctntgctnt      420
nacaggntca gtatntatca gttnngnacac aaacacatga acacattcng atanggctta      480
tttcacacag tgaagtgtga tgatctccc ctggagtgtc ctgntanata tgnccngcc      540
tntangggna aaanaacccc aactgcttc tntgaccacc ccnagctnt ntntnntan      600
taatatttcn tncannngng naacgtnnnc naccgctnn aatnccnnc cntcgnagg      660
naaaanccca ntnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn      720
aactgggcn caannccctn gnnncacaac cncctttnt tntctcacng ggaatcgga      780
atnctgcact ttcctatccc tggncctaaa aaanattana tctccggnc ctatcnnttg      840
taagntcacn antctctctc nntancaaanc cnanacnnnc annttttnnc aaatccttcn      900
tnnccnccca nnnccngng cacantntnn cngtgnccna actcntnggg gcnnatntnt      960
cncnccnctn t                                     971

```

<210> 4551

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 4551

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tttgaataacc cttttnttt naatcctttt ctttcaaag gttctngttc tttttgcagg      60
atcccatcga ttcccaaat gatgcaggna aaactgagat gggatttccc cactgtgcc      120
aggtggtct cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg      180
tgctggctg agatgacttt taaaaaaaga cttctctaaa gtagaaggaa ggggtgaatt      240
gtatgcacaa gaagaaaaaa acctggaaga aaacataact aaagaggctg gagtgcattg      300
gcgcgatctt ggctcaccgc aacctccgcc tcccggttc aagtgattct cctgcctcag      360
cctcccagg agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt      420
agtagagacg gagtttctcc atgttggtca ggctgggtct gaactaccga cctcagggtga      480
tccaccacc tcggcctccc acagtgtctg gattacaagc atgagccacc ggcgccggcc      540
tncctgttcc agttttctat aatctgttca tattatatcc tgggtatatg tgggtgtgt      600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt      660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggttacc      720
aatcttaaaa aaaacttant tcatttttaa aattaaacnt taaaatttnc caattccatt      780
tnaacattaa n                                     791

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<210> 4552
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4552

tcnttcagtt	attcggttcag	ctccttgntc	tttttgcagg	atccctcgat	tcgctcagct	60
cttccggagg	ctgaggcagg	agaatcgctt	gaacccagga	ggcagagggt	gcagtgcagcc	120
gaggttgccg	cactgcactc	cagcctgggt	gaccgagtaa	gactgtctca	aaaaaaaaaa	180
aaaaagaaaa	gaaattgtcc	tttggttgcc	ttagttccag	agttgaatga	atgtacacat	240
tcngtagtgg	ggggggcaga	ccggataccc	cttccttgtc	tggttccttt	gaaaaaggac	300
ctccaccttt	caaagggtact	taaagccatc	ttttacagat	tgcttgtaat	gtaagggaaa	360
agaagtcat	gtnccttggg	attggattgg	agggnaaaat	catcaaccac	tagccccctt	420
ttcaaaatca	gcgaagatat	ttngatgatt	aagtgattca	ttgggtatgt	tctggctact	480
gatgttactg	aaatctgcaa	tcngtatgn	tttttaatta	gttgcttttg	tatttgaatt	540
tatgacattt	cgaagtctt	gngcttaact	ctttttaatt	aattttctgc	acgtngcttt	600
tttctctttg	gttttaattc	catacagagt	attcaattct	tgaaaacaca	ttaaaaataa	660
tttgcttgca	aaaaaaaaaa	aaaaaaaaaa	ctcgaacctt	tanaactata	gtgagtcgtn	720
ttaccgtana	tcccagaccn	tngtaaaatt	aaaaaaaaaa	t		761

<210> 4553
 <211> 1281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1281)
 <223> n = A,T,C or G

<400> 4553

atTTTTTaaa	ntttnggggn	naaaaatttt	ttcttttttt	tgggtccnaa	anattctttc	60
cgggccattg	gcccccttgg	gcccagggg	nttnccggga	aaccttccnt	tnaggnnnng	120
ggggaaatcc	ccccccgggg	ggnggtttaa	ccccnggaaa	ggccctncgg	gnaaaaattt	180
tccgaccccc	nttaatnaag	nttntttttt	ttcnnttttn	tttaacaaaa	ttttccnact	240
tgggggcccg	gttccggttt	ttttaaacna	aaacggnctc	gggnggaact	tgggggaaaa	300
aaaccccntn	ggnggtttta	ccccaaactt	taaaatnggn	ccttnggcaa	gcaacaattc	360
cccttttcng	ccagcttggg	cggtaaaaaa	cgaaaaaggc	ccgnanccga	atcgcttttc	420
caaacagtgg	ccaancctng	aatgggaaan	ggnccccccc	tgtaccngna	ccataanccg	480
ncgggggtgg	tgggggtaac	cccccaaccg	gaacngttaa	nntggcaagc	ggccctangg	540
cccgttcctt	tcngtttctt	tccttccttt	tttcggcaac	gntanccggc	ntttcccnt	600
caagnattta	aatcgggggc	tcctntttang	ggttcnga	taagtggctt	taacnggcaa	660
cctcgaaacc	caaaaaactt	ggattttang	gnggaatggg	gttcaacggg	aantgggggc	720
caatcggncc	cttgaataaa	gaacgggggt	tttttnggcc	ccttttggaa	ccggnntngg	780
gaaagtnccc	aacgggtaac	cttttttaaaa	taaagtnggg	gaaccttcct	ttgggttttc	840
ccaaaaacct	tgggnaaacc	naaaccaacn	tttnaaancc	cccttaatcn	tttggggggg	900
ccttaatttc	nttttttggg	naaattttna	aaatnaaaaa	gggggggaaa	atTTTTTtgg	960
gncccccnaa	aatttttccn	ggggnccctt	naaatTTtgg	gggggtttta	aaaaaaaaaa	1020
aaatgggnaa	agnccttggg	aaantttttt	aaaaaccnaa	aaaaaaaaaa	atntttgaaa	1080
aaccggcccc	ggaaaaantt	ttttttnaaa	aacccccaaa	aaaaaatng	gtttttnaaa	1140
aaccggcccc	tttttaaaac	naaaatTTTT	tttccccctn	gggaaanggn	cccngggggg	1200


```

aaaaattttt tttttnnatt tcncccnntt ttttnaaaaa aaaaaaaggg ggggggnccc 1260
cccccaaaaa aaantttttt t 1281

```

<210> 4554

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(916)

<223> n = A,T,C or G

<400> 4554

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tttgaaanca tcanctctng ttctttntgc aggatcccat cgattcgcag aaagggaaaa 60
tatgaagtgc gtgctggggt ttgctatcgt atccacagggc atcacggcag tgcctgctgc 120
cttgattttt gttctcagaa agagaataaa attgacagtt ganctttnc aatcacaaat 180
aaagccatca gcagggetcc cttnctgctg taccaccccn gngaaaattn gccaccctaa 240
ttttnttctg gntcctttgg nnggntgncn gctgaccctg ggaactgaag ganctgcca 300
tnttatgnan ggcgnccaag tgggaatata acccctttnc ggcattcggg ccatgtggcc 360
gtacnnttaa tttggcctca atctggacta gngaaattat ccttggcgng ccaacaaaat 420
gactataact tggggcagtn ggtnccttgg tcntttcaac canaagtnaa aaattaatcc 480
tccggaatca atcccatcct ttccgggct ctcttccaat tcttntttct ttntaaccat 540
caaaggggaa ccatttgtgg aaaangggnc aatttttnaa ncctcttggg gggggaggga 600
tttcgaaga aatcaattgg gcaatggtta ccattgccna aaaacgccan cttggnaaaa 660
gnaaaciaag caattggntg gccantttgn tccccangg taacccttgg ttttccccga 720
atggcctggc cttaccttgg nttgggattt cttngggng gtcccttgg aacaaaaaaa 780
aaaccctng gnttcccaa tttnttnnaa acccccgn aattggcccn ttntttaccc 840
tttaccaaaa cctnggggtt ttttttnnaa aatggggggg ggggggaaan cccccccaaa 900
aaaggggna aaaant 916

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<210> 4555

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4555

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gngtctccct ttntttgaca tcnnttggct ctgctcttt ttgcaggatc ccategatc 60
gaattcggca cgagacctga gctagggttg cagcagaaat tgagttgcag cttgcccttg 120
tccagacctt ttttctgctt gcgtttttga aacaggaggt gcacgtacca cccaattatc 180
tatggcagca tgcattgata ggccgaacta ttatcagctc tgatgtttca gagagaagac 240
ctcagaaacc gaaagaaaac caccaccctc ctattgtgtc tgaagtttca cgtgtgttta 300
tgaaatctaa tgggaaatgg atcacacgat ttctttaagg gaattaaaaa aaataaaaaga 360
attacggctt ttacagcaac aatacgatta tcttatagga aaaaaaaaaat cattgtaaag 420
tatcaagaca atacgagtaa atgaaaaggc tgttaaagta gatgacatca tgtgttagcc 480
tgttccta at cccctagaat tgtaattgtt gggatataaa ttanttttta ttattctctt 540
aaaaatcaaa gatgatctct atcactttgc cacctgtttg atgtgcantg gaaactgggt 600
aagccagttg ttcatacttc gtttacaaat tattaagata ncttntttan ggatannttt 660
ggtaccatat ttgtgaaaat tttttgnaaa atgccttgnt aatgnggntt ttnnaccn 720
cnaagttatt ttgtttgcaa aacttnaatg gnccattttc cctttaanaa tnggtttnc 780
ccntatntt t 791

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<210> 4556
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4556

ttntcnnaac	cttcaactcc	cgtgctnatg	caagatccca	tcnattcga	annnggcacg	60
aganacnctt	aantatacgc	tacggtntgt	gtgtgggtgct	nnatacnac	catgttactt	120
aatcnctttg	gtaccnnttn	cnttttgntg	gatccaaant	gnaaaccgat	gtntgntacc	180
ngnccnntatg	gtnttaacac	tttttaaant	gananaacatt	ggatcttaaa	accctaagct	240
attgcacanc	ngcatttcac	nnccgacgaa	gcccgggtatc	ccctanacgn	tggggcactt	300
tccntaaatt	gaagntgnca	atnntatgcc	ggnttcnaga	tataangtgc	acncccaaaa	360
acgctttcng	ncttgtaaac	tcaacngcat	agttangcnn	gnncntgncc	gcncacatg	420
gtgaaacatt	ttnccttnacc	aagantaaat	gnccanggtg	cntnttaggn	acacttactt	480
tctccgggnac	atccaattaa	cgntatttgc	ccgntgctgt	gcctgggnag	tttttatttt	540
atatttttgg	ggttgnaaaa	gcagnancag	agggagctca	atctngtttg	aaaccnacgn	600
agtgcctncca	ttgatacgta	natnaatnaa	ccgccngng	gnntttttct	tttttttggg	660
cctggaaaat	gctgatnccc	tttgacaana	aaggananc	ccccctagcc	nactaanngt	720
cnccccattn	tttngggaaa	naagggggat	aaanaacttc	ccccccnngg	nggggagct	779

<210> 4557
 <211> 1259
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1259)
 <223> n = A,T,C or G

<400> 4557

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ttgggttann	ggacncgcng	ggngggcngn	aagggggaga	gcnaaacggg	gganagngtg	120
ttntttgngn	ggcaggagca	gggaanaggg	gggggggggn	atnangngcg	gncnaaccgg	180
ggaggaggng	gggggngca	ggncgnacga	cngacganag	ngggcnanna	gnnnnggccc	240
gcagnnagg	gangnggatn	agnggnncgg	ncgtgnnnng	gagnggacgc	gngcngantg	300
gacgatggag	gccnnagncc	agaggcngnn	gnnagnnagg	ggnnatgang	cgcgacgann	360
gagcacnggn	gcnnaggcng	cgnggccgna	ngngcgggga	gaagcggngn	gagacnnnag	420
gcggnnccan	gngannngng	gaaacagnng	nnngnnngagn	gcgggnancg	gatgnnnccg	480
nnggannngg	nanggggnca	ggcgnnnagn	nnagcgaggg	ngnnngngagn	gnaggagggg	540
nnaagcgcg	ngggncaaag	acngggacga	ngatntagn	ngggggagga	ggganncgcg	600
nnacggnnac	gngtncgagn	aaaangacga	gggntngngc	ngtngggagc	ggcgagggnc	660
naataggaga	angggntaa	ggngngcaga	cnnchnnngn	naggnnanga	cnaancagn	720
nngtgncatg	gcaganggnc	gncangnggg	ncgggggcan	cagagacgcg	atgagngggn	780
anagancggn	gacagggggg	ggangcaaac	gcggnggagc	annccagncg	ngnnnggggg	840
antngngnnc	nggttaggag	ngannganng	nnngcatgagn	ataggnnnga	ganagnngang	900
nnngggggaa	agggaccnta	acnnngngnn	gngcngngcn	acngggcngn	ggggganccc	960
anggnnnchn	ggagncaagg	nnngnncngna	ncngggggng	cnagntnggg	ngggngtngn	1020
nnngcatnag	ggnnccggccc	ggngncgggn	gcngnatcng	aacggacagg	cgcnnganna	1080
ggngggcgcn	agangngntg	gagngncacn	gcggngggna	ncngngngnc	angatggcga	1140
ggggacgggt	cgcgngnctg	acgganagag	gcngcnacgn	nnagggcgtg	aaagaantgn	1200

nggncgnggg acnnncnanga gcaanggcag gagggcncgg cngcgggnng cngnggccg 1259

<210> 4558

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4558

gatntaannt	tcacctntg	actntntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagagatct	gacctaacca	actttntctt	gccttaactt	ccaaactgcc	cttagtcatt	120
gatggggcat	gggccaaacn	cnatngggan	anatctttnt	tctcntgna	atnatactcc	180
cctttccaaa	actaaatgtc	cttgangnna	taacggaang	cctcccatng	ggtgnacaac	240
cgggncggna	antgggctcn	cnetgtggca	tagcanaang	ntccccggnc	gtngtggtgn	300
acgntcnann	tatccgcnan	actcgcatt	gcntagcgn	cnnacattt	cttttatnn	360
nctaacattn	tccttncggg	aangcggttt	tnccggcntt	aagctnttaa	ggatggangg	420
ggttnggttt	ccgnnctnna	cnetataaaa	ctctnttaac	tncaacacng	tncccgtnng	480
ggacccctc	ccantaaagn	ggggactgnt	tcacagngan	ggaccnttt	tttncncncn	540
ncctaatinga	ttttcncccc	accttaatac	agtttagaac	cccttttcc	tattccatac	600
aagaactttt	ttttaaaaaa	acttggganc	ctcttatcta	cgccttgggn	gggtcacatc	660
ttgtnaatcc	ccaacatttn	ggggaggcta	nngncgggaa	atatncetta	agcttcaaga	720
gttcaagacc	agcctgggga	aacacttgga	aaccgcttct	ntcncctttac	aatttccetga	780
tgccgggatt	tttcttttng	cccttct				807

<210> 4559

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4559

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aacttgaaaa	tggaggatg	gcttataatt	cagctgtgct	gaactgtaag	tgattaaata	120
ctgtttcatc	acataatac	atatataac	ttatgtgggt	atataggtec	tggtctcatt	180
gacttaagga	ttttaagtgg	tggtattggc	catatnctgt	gggggggaaa	gctnagaacc	240
tcaatannct	taatnaaata	ggtggctatc	atcngttcat	ttaactcaag	cccagaaaca	300
ccaaagaagt	cacctcaat	ttcttccgc	anccccacaa	ttttaatcta	atcggccatt	360
ttctttaaca	nggttcccat	ttttcccaa	aaatatnaac	caatggagg	ccatccctaa	420
tttntctgggn	ttcttaacaa	gtccantcaa	ccccntaagg	cnttaaagnc	caccttacct	480
ttcaagttag	gcccccttn	cccaatttaa	gggcctttta	gtttcaactt	teccaagccc	540
cccttccctt	tcnaagtng	ggtggnantt	cnacnaccaa	gatncccttg	gccaaggggt	600
aaggttccaa	ttttangaaa	aaaccaatta	nacctttnaa	gggccccct	gggtccaaat	660
ttggccttct	tggnctttna	aaaaaaattt	ttgggtgggg	gngggggcnt	tttcccccaa	720
ttccaattgg	ccctttaang	aaaaatnaaa	aaaaatccct	nggccttttt	tcnntanttt	780
attttttaaa	aaaanccaat	tgggggcctt	tttgggggng	ggcctttttt	aaccaaccaa	840
aantttttta	agttcccttc	cccatttaat	ttccctcntt	ttttcnttaa	gccccctggg	900
attccttgga	aaaggggcca	ccccatttcc	ccaaaggttt	tttantngtn	ggaacaaaaa	960
aaaccaagcc	aggtnggaaa	accattgggg	gggggggttt	anttgnaaaa	ccnccctacc	1020

cgggagggggg aaaancccc ccccccccc cccntttttt tttngggccc

1070

<210> 4560
 <211> 1321
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1321)
 <223> n = A,T,C or G

<400> 4560
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 ctggccctcc cacggganta tgttggaagt aaccaagcct tgcccttaga ngatgcaacc 180
 aaaatatttt tgggtggatg ggggtggggg aaaaaattct tgccaaaaaa gaaaggggtg 240
 atccctggga aaccaattat ttcttctttc aagggggaaa gggaagcctt ggcctgggtg 300
 ttttttnggg aaatgggtgga aaaagaacca aaaaacctta tttgaaaagc cattgggttg 360
 aatggaaaaa gggttcttta ggaaaaaaa cccattggaa aaantttcca agccccccct 420
 tanttgaaaa aattccgcca nccttggggg taccancct tggggggaaa aaaaattgga 480
 aaaagaaaaa ccttttntaa cccttanccc atttaaaaaa aaaaatttag gnaanggggg 540
 gaanccaagg ttnccaaaaa aaaacnnttt tccaaccaa gggggggggg ggggaaaaaa 600
 aattcccaaa aggtttttta aaaaaatttt nc caaanaaa ggcccttttg gggaaanttt 660
 ttaaaggaaa ttgggaattg gnccccccat ttttctttt aaagnaagn aaaaaggntt 720
 ttttngggcc ttttttttcc ttttccccna aaattgggcc ntctctttaa nttggcccc 780
 ctttttttcc tttgggttaa aaaaaaaacc ctggggggcc caaaantttt tttggggggg 840
 gaaaaaggcc caatttccaa ccttggggg naattaaaaa aaatttttta aattttgggn 900
 aaaattcctt taanttttcc aaaggttccc aaaattttt cccttgggaa ggggccnttt 960
 tttnaaaaaa aaagnccttg ggggggaaaa ggaaaaaagg gttggnaaaa aaccttantt 1020
 cnttccaatt ggnaaaaagaa aaagntttta nttgncccag aaaaaaaaat tccnggggtt 1080
 ggaaaacctt cntttttggc cttcctttaa agggcccncc cccgttantt aaaaancctt 1140
 tgggaggttt tccaaaacct tttcccctgg gaattnacc tcccctggaa tttttcttac 1200
 cctggggggg accaagnaaa aaaaaaancc ccttgggnaa nggggncctt ttttccccna 1260
 attaaaaaac ccgnggggtc caaaatttcc cccntttttt ttaaaaaacnc cccccccct 1320
 t 1321

<210> 4561
 <211> 1253
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1253)
 <223> n = A,T,C or G

<400> 4561
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 ccggnctccg ccgcagccag cccacatgtc gggngatcaa agaaagcaaa aaagacgggt 180
 atggettttc aaggecgccc ggcttttccc ttcnccccgc ccaaccnca acttgnacc 240
 ggcncnccct taccnccncc caaaccccc ccccaaaatt tccccncc nggccaacc 300
 tttngggggg tccccccna accccccttt tcccccccg ggggttaaang ggggggggnc 360
 ccgtttccag gggggnaagg ggnaaaggg aaagcttaa aaaaaaaagt tttggggggg 420
 ggnccaaacc gggggaagg ggggggaaaa agcccaaaa ggcaaangaa aaaaaaggaa 480

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agggggccnt tccnttgggt ggggttgggg gaaaaaattt tcccccccc gggggggngc      540
ccaaagattc cccenttttnn ggcccccccc ccggcccaaa tgcccccccc cntttttttt      600
tccccaancc cccccccggg cggggaacn ttttttttgg gggggaaaaa ttnccttttg      660
ccggnccntt tccccttttg ggggggnggg ttaccngccn ccggaccggc cccccccggn      720
ccggaaaaaa aagaaacccc ttttcccccc ggaaagncc tttcntttna aaaaggttng      780
gggggtttnc ccnggggaaa ttcnttattt aaattcccca aagggnacc ccaaaggggg      840
gaaccaangg gnaaaaaatt cccccccctt ttttntttt ttnccccac aaanaaaacc      900
nttttttttt nccaaaaaac cccccggccc cttttnttc cttttcctgg ttttaanggg      960
tnccttncgg ggaaaaaccna aaaaattccg aaagnccctg aacnttcccc ccggttttcc     1020
ttggcccaaa aggttccttg ggggtacccc ttgggggggg ntttttttgt ttntttnttn     1080
ggggnaaaac cttttccctt ttgggggaaa gtngggggng cnttttnaaa ttggaacccg     1140
ggaccttttt tccntttttg naagggnaaa aaacttggcc aaantttnt ttcaaaaaaa     1200
accnaaaaa cttttgggtt nnaaaaaaan ggggggggga aaaaaaaaa ana                1253

```

<210> 4562

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4562

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tataattaan ttgnannccn ttnaactctt gttctttttg caggatocca tcgattcgaa      60
ttcggcacga ggtgaccctt cctgcccttc ttgagcagct tgtganccan aagatgtgcc     120
tgagagaaaa gcctcatttg gggaagtgcg gnattcgaag ttctttattt tgaaaatgga     180
naacaaccct tctnacaat cctgtctgcc ctccccctt tncaactaga atatcanntc     240
cncatgaacat gaagtnatnc acatttcatg gaaaactggn tgatgntnaa naaatcactt     300
ganggcaaac tttgtccttc angtgtggn tctctgaatn gtagagccng canatcctcc     360
antgtatgga ctgngcctta cttgccctt gaatgctttc tatacatnaa nacttgganc     420
tctttacaga tgacantnnc cagtngggaa gataaaagan nagaaaagac cnaaantgcy     480
ggnttgccac tcttttttgc catcacgtg gggactgcaa angccaatgt tggngctggc     540
aaaaagccga angantaaag gtgctgnant gatgttagct gtgnccactg nggatttttc     600
caanaacatt tntantata aanttcaaag naaaanaaaa aaananactc gaggcctntt     660
aaaactatat tnagtcnttt tacctnatnc anacttgata anatacattg atgantttgg     720
gcaaaccac aactagaaat tttcccaana ggggggggna                                760

```

<210> 4563

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4563

```

tttttnntt taaantttgn aaaattntt tttttacca ncccccttac tccnggtttc      60
cttttttttt nggccanggy naatccccc natnccggaa tttncggaa aattttcccg     120
gtttgggcnt nggtccggca tatataaaaa ccagnngag nccccnact atggannttn     180
tnccctngaa tataaaaaa acaatccggn ggggggaacg gaagnagcnt ggcaattngg     240
natcgtaata aaaatacgtt antcttgaag cccattgga tggtcncaan gggctggtgt     300
ggaagaacct tanttnagca agaatcccta aaanggggca canaacctt gnaaaggana     360

```

```

aggangttnt nttttncaaa aaaaaaccca nactttggat gggcaaactt tnaaataang      420
ggatgaacaa tggncacagg cccacccctg ggcttaaatt ancaaaacnt tggcctntgn      480
aaagnccng ttncccttgg gggcttctct tttccttcna tttntggaac ccannacttg      540
atgtcnttnc aatcgnaact ggtttaatgg ccnattcct acaaccgna aaacttggtt      600
cctngaantg tantctgng mnanaaaaac ncctccnnan tgaantggcc anaaangtan      660
tgatcataca caaananaca ccttnaaatt ntaaccatga acgcgattat attatgnana      720
ganntcnttc ggnnganatt atgtnagga gccagantnc tcatgctngg aatagnacc      780
nacaaaacnt gntcgaggga cttattgana ttaatatgga agatacanng ttcntntacc      840
anganntggc cacanagaac aatcnatnga ccgaaaaatc cggggngggg      890

```

<210> 4564

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4564

```

tttgaaaacc cnttttnttt naatcctttt ctttcaaagt gttctngttc tttttgcagg      60
atcccatcga ttgcgcaatg gatgcaggna aaactgagat gggatttccc cacgttgccc      120
aggctggtct cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg      180
tgcttggtct agatgacttt taaaaaaaga cttctctaaa gtagaaggaa gggtggaatt      240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagtgcattg      300
gcgcgatctt ggctcaccgc aacctccgcc tcccgggttc aagtgattct cctgcctcag      360
cctcccagggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt      420
agtagagacg gagtttctcc atgttggtca ggctggtctc gaactaccga cctcaggtga      480
tccaccacc tgggctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc      540
tncctgttcc agttttctat aatctgttca tattatatc tgggtatatg tgggtggtgt      600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt      660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggttacc      720
aatcttaaaa aaaacttant tcattttnaa aattaaacnt taaaatttnc caattccatt      780
tnaacattaa n                                     791

```

<210> 4565

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4565

```

ttcatttaat cttncctttt ggatctntnt gcaggatccc atcgattcgt aattatannc      60
cctggagtta tgcagctaata taaagggtcaa acgcataact ttaaagacgc cttttcagga      120
agagattcaa gtnttacgcy ggtgccactg gctttttatt atggaatgta tgcataatgct      180
ggctggnttt acctnaacta tgttactgaa gaagtagaaa acctgaaaa aaccattccc      240
cttgcmttat gtatatccat ggccattgtc accattggct atgtgctgac aaatgtgggc      300
tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtgcctt      360
ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg cctntcctg      420
cttgggctcc atnaacnggg gtgtgtgcn gctgtctccag gttattctat gttgccgtct      480
ctgagagggt naccttccan aaatnctctc catgattcat gtccgcaagc acactnctct      540

```

```

acantggtnnt tgtttgcacc ctttgacaat gataatgctc ttntttggga gacctcgaca      600
gtcttttnaa tttactcaag gttgccaggt ggctttttat tgggctggca attgctgggc      660
ttgatttatac ttngatncaa atgcnanat atgcatcggt ccctttcaaa ggtgcccctg      720
ttcatccacac tttntttttg ncttnntttt tttnnnnnnn t                          761

```

<210> 4566

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4566

```

gnttttnaaat ttcttttnnc ttctaatect ttgcttncac nttggctctt gttcttttttg      60
caggnatccc atcgattcgc caatggatgc agggaaaact gagatgggat ttccccacgt      120
tgcccaggct ggtctcctga gctcaaagca atccagattg ctgggattac agctgtgagc      180
cacctgacct ggctgagatg acttttataa aaagacttct cttaaagtaga aggaagggtg      240
gaattgtatg cacaagaaga aaaaaacctg gaagaaaaac atactaaaga ggctggagtg      300
caatggcgcg atcttggctc accgcaacct ccgcctcccg ggttcaagtg attctcctgc      360
ctcagcctcc caggtagctg ggattacaag catgggccac cagcctggc taattttgta      420
tttttagtag agacggagtt tctccatgtt ggtcaggctg gtctcgaact accgacctca      480
ggtgatccac ccacctcggc ctnccacagt gctgggatta caagcatgag ccaccgcgcc      540
cggcctccct gttcagtttt ctataatctg ntcattatatt attctgggta tatgtgggtg      600
gtgtgattat ccatgtgggc ttattttcac attctttgca ttaactataa tgtacttaat      660
ggttttaaga taaagtccat tctacaaaga tgtatgtnc aatacctggtn tcaggtaaca      720
atctttataa aaaacttaat tcatttttaa aataaacatt aaaattacca ntccaattta      780
aacatnt                                           787

```

<210> 4567

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4567

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gnttttnaaat ttcttttnnc ttctaatect ttgcttncac nttggctctt gttcttttttg      60
caggnatccc atcgattcgc caatggatgc agggaaaact gagatgggat ttccccacgt      120
tgcccaggct ggtctcctga gctcaaagca atccagattg ctgggattac agctgtgagc      180
cacctgacct ggctgagatg acttttataa aaagacttct cttaaagtaga aggaagggtg      240
gaattgtatg cacaagaaga aaaaaacctg gaagaaaaac atactaaaga ggctggagtg      300
caatggcgcg atcttggctc accgcaacct ccgcctcccg ggttcaagtg attctcctgc      360
ctcagcctcc caggtagctg ggattacaag catgggccac cagcctggc taattttgta      420
tttttagtag agacggagtt tctccatgtt ggtcaggctg gtctcgaact accgacctca      480
ggtgatccac ccacctcggc ctnccacagt gctgggatta caagcatgag ccaccgcgcc      540
cggcctccct gttcagtttt ctataatctg ntcattatatt attctgggta tatgtgggtg      600
gtgtgattat ccatgtgggc ttattttcac attctttgca ttaactataa tgtacttaat      660
ggttttaaga taaagtccat tctacaaaga tgtatgtnc aatacctggtn tcaggtaaca      720
atctttataa aaaacttaat tcatttttaa aataaacatt aaaattacca ntccaattta      780
aacatnt                                           787

```

<210> 4568
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4568

tttaaacttt	ctaataccttt	acaactactt	gttctttttt	caggatccca	tcgattcgaa	60
ttcggcacga	ggaaggacaa	aaatatggct	atctgantag	atgcagaaga	ggcatttgac	120
aaaatctaaa	atattaagta	aagaagatta	tattagtcca	ttctgacatt	actataaaga	180
actgtangag	agcagcccca	gtgcttatag	ataaaactcc	catctnccta	ggacagagca	240
cctgggggga	atggggggct	ctgggtgcag	cttcngcaga	cttaaagtgt	cctgcctgcc	300
agctcttgaa	gagagcagca	gatccccag	cacagcgctc	gagctctgct	aagggatgga	360
ctgcctcctc	aagtgggtcc	ctgacctca	tgctcctga	ctgggagaca	cctcccagca	420
agggttgaca	gacacctcat	acangaagag	ctccgggtgg	catctgccan	gtgccccctc	480
gggacgaact	tccanangaa	ggaacangta	gcaatctttg	ctgttctgca	gcctccgctg	540
gtgataccta	ngcaaacagg	gtctggagtg	gacctccagc	aaactagagc	agaccttcan	600
cagangggcc	tgactgttag	aaggaaaact	aatgaacaga	aaggaatagc	atcaacatca	660
acaaaaagga	tgtccaccaa	gagaccccat	cctaaggtca	cccaacatca	aagaacaaag	720
atngagaaaa	tccncgaagt	ttgaaaaggg	ggaaaagggg	ga		762

<210> 4569
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4569

ttnnnttnna	ttcccttttt	gaactcgggt	ncttgttctc	tntgcaggat	cccatcgatt	60
cgttcgagtg	caagctcccc	atctttcgaa	agtttccatg	gcaatacanc	taactgaaga	120
actaaaagcc	agtgatgtac	ttgccagggt	tctcagccaa	gaaagtgggg	ttgccagac	180
tctcaagaaa	ggagaagttt	ttttgtatga	aattggagga	aatattgggg	aacgctgcct	240
tgatgatgac	acttacatga	aggatttata	tcagcttaac	ccaaatgctg	agtgggttat	300
aaagtcaaag	ccattgtaga	agacttaaca	agctgcagat	aaccatgtgg	acttctgtca	360
taattcttgc	tgagtcaaga	gtgtaaataa	aagaaatggc	aggactcata	ttattcantt	420
gtacccaagt	atttaaaaaat	gactctctta	agccttaaaa	agtcatagat	ntgtgctgct	480
gccagaatta	tattaattat	tattaatggg	attattagaa	aaaaaatttc	tgagtgagaa	540
agtaaaaagg	cttaattagg	ttgtggggcc	ntttcatatg	ctctgggtgaa	atgtgtccca	600
natgtnacat	agtttttttt	ttaatatgtg	gaaatgtctt	ctcttcccat	tcntttctcc	660
ctaaaaatcn	tatattnctg	gaaatataat	gcctcttttt	aanctcttnt	taccttnnta	720
acattttacc	cctttttccca	gttanggnnt	gcttttttgn	ccaaaaagna	tanccaaatt	780
ccnnc						785

<210> 4570
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (986)
 <223> n = A,T,C or G

<400> 4570

ccgnnnntttt	tngnnnnnttt	ttgcaanttn	ttggaaaaan	cccccttttt	taccaaanan	60
cctcnccttt	gggtttgctt	tttttttngn	ccaggggnaa	tcccccccat	gccggnattt	120
accgnnaaat	ttnccggggg	cccaccggaa	gggggnaaaa	tggggggccc	caaaaaagnt	180
ttnatattaaa	attttggggg	tcnttttttc	caaagnaant	tttttttttc	cnattttaatn	240
ggggggacca	aagggaaaaa	acctggcacc	ccnaccgga	aaatttttat	tnaaaaaaa	300
tcccccatgg	gttgggggaa	aaaaagggaa	atttggaatc	ccccanaaaa	tccaatgggt	360
taaccttttc	aaanaaaaaa	atgggtaaga	aaaaactttt	attaaaaggg	aagnaannat	420
ggnggcttta	ttcttcttcg	gatggaaaac	tccantattt	ttgggtggta	nactctattt	480
aaacaatttc	ggtcataaac	acaaagacaa	accatggggg	caaaatgtgt	cctttgcttn	540
taaattctgc	cttcatttac	ttgaatgacc	tcagtgccta	ggcagtggcc	tgtgttttag	600
acctggtgat	gacagctccc	ctcacctang	agctgagcac	cccgcccatc	ttggtgacca	660
cagaaccaag	gncacaggct	tcanctggta	cgccctgggg	caggggagaa	aattgtgctt	720
gcattcccaa	gtctgctcca	cctnctgggt	aagggtctgtc	gggcctgggtc	ctgtccttgg	780
agccaccagc	atcctcagac	aaagaatcta	gacggngttg	ccaatttatt	aacagcaaat	840
aaccaattaa	aatggagact	attaaatact	ttattttccc	ncttanctna	aaaancnaaa	900
ntttcccccg	ncnanngng	gggcanacct	tanagnncca	cnaantnngg	nngcngngng	960
gnanggnnnn	naaaaaaat	nttcct				986

<210> 4571
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A,T,C or G

<400> 4571

ccgttnattt	cgaantttgn	aancccttta	caanactact	tgtgtgcttg	ttgtggcagg	60
gnaatcccat	acggatttcg	gggaaattca	aaaaaaccca	aagnttacct	caggaaaatt	120
aatgggtggg	ttntcttta	aagnggtana	aaaattggga	aggggaaacc	tgggtgggaa	180
aaaaaaaaatt	aaggaaaaag	ggnggagggg	ggggtaaaaa	tccaattttc	cnttaaaatc	240
cttaaaattt	aaccctttaa	aagccattaa	gnaatacctt	ggggttaaaa	taatcctttg	300
gggtattaat	ggnttttttt	cctgggggtc	tttggttttt	angtctggca	tgngattggg	360
tttaaccatc	cttntattag	ctctctnaat	gctgcctatg	gttatatttc	catgntcnta	420
tattntactn	ccatgtaata	tatattatnc	atattaccta	tattgaaang	gaaatgctta	480
tatattcatg	tcaangtaat	gntatcctct	nctgntatga	ttattatttg	cctnaacatn	540
ttgattgatt	tatntaaccc	tgtgctanat	tgggaactac	ttctctncta	tagaccttaa	600
namnaacatn	gctttatcaa	gattttattc	agtgatattt	taaatgattc	tgccgttagg	660
cttgccagac	aaattagtgt	ccaataatct	aatgaatggt	gnaagtcatg	tnggattatg	720
aattccatta	ttttactaat	ttacttgaaa	aacatgattc	aaaanattgt	ttttgttgtt	780
tgggttaaaa	aaaaaatnta	aacc				804

<210> 4572
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4572

gtgaatcctt	ttcnaatngc	ttggctactc	gctctttctg	cangatccca	tcgattcgaa	60
ttcggcacga	gggcagctag	agtcaggaaa	atgacctca	tatgctnttn	atctttgttt	120
cagttgtctg	tcagggttga	attaagaagc	tactggttta	ttcccaattg	ttgatgcctt	180
taggtatgtt	ggaatctttt	tttttgccca	ggaggggcca	gtngaaaatc	tgtgactcaa	240
gangcagtga	acagaatact	gntttctggg	gaaaaattgg	ttggctactt	gatgttaatt	300
atggnacagt	aacaggaaaa	ggttgtgtnt	gtgtttttta	gtaatgtctt	tattctgctt	360
ttttgctgct	ataagagttt	tctgaaatct	atattttaaa	cttttcatgc	actttactgt	420
ttctagtctc	naaatgtgat	atttttnaat	aacaagaaat	tttccattat	gngaataaaa	480
ttttaaaaga	caatagccta	tatttgtgtc	tcactaatat	ataaagtata	ggtcaaattt	540
naattattta	attagtttta	aatatctcaa	tttgtctnct	ctttcaaacc	tgacatnttc	600
ngctggtttn	ttaagtccta	aaatgatgca	ttttaccttt	nggncaattt	caattgccta	660
antttcnntn	ccatangtna	aattaaaann	anggcttatt	attaangggg	aatnattttc	720
ccccannagg	ggtaaatttt	taatgggnga	ncaaagngtt	gntggggatt	gangtctttt	780
catnccangn	ggg					793

<210> 4573
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4573

annatcnctt	ttnattnat	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gtattcttct	tctactggag	aagggtaccga	aaaagaattt	gatcctctga	120
ttgcctaggg	ttttgagaca	tgagaaataa	tgtctttgat	ctgggttttg	gaaattattg	180
catattttat	tttaagtgtc	tgctgcctct	gcctttcccc	ttttgctcct	caaatatata	240
aagtaagtag	cctgcctaca	ggaggactgt	taaaaatcat	atcactagat	taaatagaat	300
taaaaaagan	acaggaagat	tgaagatgta	gnttaatat	tgtatcatta	ataatagaat	360
aaatacaaga	acataatggg	tgagaaattt	atttcttaat	aaaaatttct	gagactagac	420
ctttcaacat	ttagttatac	atactttaat	aaaaatctat	catagttaa	ttataatttt	480
tgggttagta	tgtgaataat	ccttctgcgc	attattggcc	tgttataaat	ctttcaatga	540
attgtgggtt	ggagttaaat	tcatattgtg	ctgaatttac	aaaatttaac	agtttgctnt	600
aaacgtttta	aaaattntct	aacttagcac	caaatcccc	catacctttg	tgtgtgtgtg	660
tgtgtgtgtg	tgtgtgtatg	cctgtggana	aaaagtcng	agatcttatt	tctcatttaa	720
aaaangttag	caaaaaaaaa	aaattttttt	ttttnc			756

<210> 4574
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4574

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atatnctntna taancctttc aactacttgt tctttttgca ggatcccatc gattcgcaag      60
agcaaggggtg gaggggggaca gattgtntng tccnttaaata gtgtgttgac acacatggggc      120
ttcgggttag ctggcctgac atggagatag antgccaatg ttcccaagcc cacagaatta      180
tggaggcctc acccncagta ttcacagctc tcaactggcc tttnanaatg gaaacctttt      240
ctgccttgga tatggcgctt cttctgggag aggagcanag ccacagagag gtaggaagtt      300
gaggcatagc aaagggaang cttcaganc taaagccnngn tcattctcata tgtgttttct      360
angcctgngg ctgaaangaa gaggagtggg gcancctggg acggnaactg cctctntggg      420
ctccccactc ccatggaggg gctncataa ctttgcctct gggctgnatc ttganaagng      480
ggcanggtct tcccaccant ggcaanggtg gcagttgtgg tcccaagcct tggagggaat      540
ggggaatggg ctggcaccct gctcaaggaa agcanaagca cacangtgcc ccaacagggg      600
ancttcattg cccccaatan ttttaaaaaa ngcaaccat cacttaaggg ttgggtgccc      660
ttttcggnaa aaactaccaa acttggaaac cctcccggc ttttaangccc aacnaatttt      720
nccctggggn acnttccctt gggaccccc aagggnnttc ctttaaccag gccaaaaaaa      780
aaaaaaaaa nccnccccc n                                                    801

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<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4575

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cnttnttcna nttatccttc aactcttggt ctttttgag gatcccatcg attcgagag      60
gctgagggtg gaggatctct tgagcccagg aggttgaggc tgcaatgagt tgtgattgca      120
ccagngtact ctancctaga cancagagga ataacctgtg tcnacagata angannttca      180
tcanttanmn ntnataanaa ttctntcagt gncnngaang nngacacngg anctccctna      240
ncangangga catnncnca nggcatntt acgnntcang tgccatacat aaagnnatg      300
ntggnttgag nttacnacca cactacngaa anatttgca nnanncttat gnnnnatnct      360
ttaatntnt ccatgtnttg cttccacgca ttcagncnat nggtggggtc tnttaaagt      420
ctgnctnatt tcttactcaa anggattacn ctanatncaa caattntttg aaatggggng      480
cttaategat tttaatgnga ggnnatttta cctnatgggtc ttgganggcc acctggnttc      540
cttaaagtgg ctttttgatn nttttaaatt ccaaanttag gccctttttt aaaataaggt      600
cccaatggna aaaaantttc ctttnaactt ttaaacgtn nccttaattt ttcttaaagc      660
ccccctnaat ttnttcaccc cngaaggggg anggnaaaat ttggggngng cccatttttt      720
attttngggg aaacctggcc aagngggatt taanatcggy ggggaatccc ccncttttt      780
gggacctggy agccaatttt ggcntttaac cnaaggtntt tatccgcccc acttttctcc      840
aaaaanntta cccccacca ngntttccca aancctgggy gttttttttt tntnn          895

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<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

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tatcnnttat tctntaacc ttgttctttt tgcaggatcc ctcgattcgn tnatgtatna      60
actantenna tatgtttnt ancatnctta ntatccttgc nngcattatg nggattcagg      120
gtcaactnt cagactgnga gcctgagagt tntctctaa gaggtccac accttnttg      180

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tctnttagat	cgnggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacacctg	ttgncttggt	catncacagn	nnatncagcg	antaccaaca	300
tccacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtctttc	gcttanagga	tgacacgccca	agtttaacga	420
cgcagttcct	ctggaaagat	gacntgtgaa	taacagaccn	caaggggttg	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatata	atnttngagn	540
ggnnccctgt	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtgc	tggntgctta	600
attcttctgc	attnaaatgt	cctgaccatc	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	ntttttaaac	tcaatggng	tttnncnaa	719

<210> 4577

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 4577

gagcccagaa	tgaacatg	gncccccaa	gttatcntgt	gatcccagg	tttcaagata	60
gacttttgag	tttttcacag	tctgtcttan	ctcagcanga	taacttggga	cttcagaaac	120
agttggatct	acaaagagaa	gttctgcatt	atagccagaa	agcccaggaa	aaattgcttg	180
tacagagaca	aacagcattg	cagcagcaga	tacagaaaca	tgaagagact	ttgaaggatt	240
tcttttaaaga	cagtcagata	agtaagccca	cagttgaaaa	tgatttaaaa	accanaaga	300
tggggcagct	canagactgg	tttcttaata	cacaagacct	agcnggaaat	gatcaagaaa	360
atattaggca	tgcanatagg	aacaactctg	atgataatca	ttnggnttca	gaagatacta	420
gtgccangct	aagttggtga	gcctctggga	gaaagatctg	gggagaagat	cctncaaagc	480
cacctgtagc	aaaagtcaaa	tgtggttttg	accttaaaac	ccngcattga	acttaagtgc	540
ttttccaagg	aagttanaag	ttncagcan	attnggcagg	aactttctat	accttaggtg	600
aaaccaggg	tattttntgg	aagaacnag	tcccccttgn	naagtcttca	attatatccc	660
cagtaacca	nggtttnttt	tngngaacc	cantggcccc	ttgateccgn	ttcaaantgg	720
cttttc						726

<210> 4578

<211> 1071

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1071)

<223> n = A,T,C or G

<400> 4578

tttttnaaan	aattncccaa	tnnttttttg	tnaaaatttt	tcnccnaaan	ttttccaagn	60
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aattcccggg	aattttnc	ggccttct	tgggtttggg	gggnaaggna	atttgggggg	180
gggnaagggg	ggggggggg	ccccctta	gggcnntt	tcaaattggg	cccttttttn	240
ctttgggtta	aagnttggc	ccaaaaaac	ccccccctt	aaaaacccc	attgggttg	300
cccccaagcc	caacctta	gcctttaag	tngggaagga	atccttaaac	aaaggaatcc	360
aatccggncc	cttccggccc	cttcaattt	aaagtcaaaa	anggcnttca	aacctttctt	420
ggctttccac	aaangtca	ctttttttg	ttcacttctt	ctggtnaaaa	taaatcaaac	480
tcacgccttc	aaagtcttg	ttgtgggaag	tttgagggtg	acaaatattt	caacaagaaa	540
tttgatgccc	atatgggaaa	atcccaagct	agctttttgt	ancaagttnc	aaaaatcaaa	600

tattttcaaaa	cagaatgaga	agcttactat	cgtggtggga	agtacaaggc	tttgggtgta	660
aacaatcctg	agatgggaatt	tcatctcttc	ctaaattaga	agctgcanaa	gacctagtca	720
aagtctgaac	ccttatgagc	tttcgtttcc	tcagctgtaa	gtggaactaa	taacactgaa	780
tttgatgaag	ttggttatga	aggattaaat	tggacaaaat	gggaagtgtg	tagcatctat	840
ggcacataga	tgtaaaatta	aataaagaat	gggacanggt	gctattnaaa	aatattttacc	900
ttggcccggg	gtggcaatgg	gcntcatgcc	tgtaaatccc	aaaccagttt	tgggggaangg	960
cccaaaggcn	gggtgggaat	caacnttgag	gggcccgaag	naagttcaaa	gaaccagctt	1020
tgggnccacc	cattgggntg	gaaaaccctc	aaaattcccc	ttttccctt	n	1071

<210> 4579

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 4579

tnntcatcag	ctcttgTTTT	atgcggaccc	tcgattcgaa	ttcggcacga	ggctttatgt	60
atcattaaat	ttttctcata	gttcagaaaa	aatgtgccaa	agggaaacta	ttggctcctc	120
cttcaaaaac	agtcttaatt	aactttcatt	atttanccgg	attaaaacta	nccagaagca	180
gggntcangg	ggaaaattaa	aatggatatn	ggacccttaa	attgtatcat	tctgagttga	240
ttgngtgggt	tattcattct	ggaaacatgt	tgatacttac	agtcaaccac	tgntttttga	300
taagtgatat	tgattaaggt	tgaatcttct	ttgtaaataa	gtattttacc	agttagcaaa	360
agtctgtgtt	ttcaagaatt	accagtgagc	accaagaggg	tgttcattaa	aaatggggga	420
aattgaagtn	cccacttccg	gnnaagaaa	ttggctttta	aaccttggac	cacttggttt	480
ggaacaattt	ttgggggcct	tggaatnaa	aaaaccccc	tggttggggg	gggggggggt	540
ccttggttgg	ccttgntggc	canttttggc	caagggnaat	tgggggtgna	aagnccaaan	600
cccggttnc	cccnttcntt	cnaattggtt	ggnaaccaaa	cccccccaac	caaagggttt	660
antttgcccc	ccggggaaa	gggttttggc	ccccaaagg	attgncccc	cccctttaaa	720
ggggggggna	accaaagaaa	agttccaaaa	accccccccc	cnaaaccttg	gaaaggggaa	780
ccccacctt	gggttncccn	ttaaccaagg	naaagntcca	aggggaaaaa	aataatttgg	840
gtaanggggg	aaggaaaaaa	aaaaaantta	aaccacaacc	aacccaaagg	ggcccttggt	900
gggttaaatg	ggttttaaat	taggnatgga	naaattantt	gggaaatant	ggtattantt	960
naaatgggtt	taaaaaaatt	ggtacccttt	gaatcaaaag	gtaccttttt	ttattaaaac	1020
nttggnccct	ttttttanng	gnaaannttt	tt			1052

<210> 4580

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4580

ttaatanatc	cttgatttgg	cngatccatc	gattcggggc	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaattggaga	ggcaaacccc	tgtttgtgcy	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgagggga	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataaccatt	caggtttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgataggt	gtttgcactc	300
atcttggtcg	tgtaccatt	gcaaattgcag	gagatttttg	tggttattac	tgcccttgcc	360

atgggtcaca	ctatgatgca	tctggcagga	tcagattggg	tcttgcctct	ctcaaccttg	420
aagtccccac	gtatgagttc	accagtgcg	atatgggtgat	tgttggttaa	gagacttgga	480
ctcaagtcnt	aggcttcttt	cagtctttat	gtcacctnag	gagacttatt	tgagangaac	540
cttctgtact	tgaagttgat	ttganatatg	taagaattga	tgatgtattt	gcaancatta	600
atgtgaataa	attgaattta	atggntgaat	actttcaggc	attcacttaa	taaagacact	660
ggttaaccac	tgntatgctc	aatcataccc	nctaaaaggt	acaaatggcc	tttttaccta	720
atnctaattn	aaaaattncc	ngactggngg	taaaaaaaaa	a		761

<210> 4581

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4581

nttnnnnant	acnatnnan	gcctntgtac	tgcgangatc	ccatcgattc	gaattcggca	60
cgaggnaaaag	ccatcttttg	attgatectc	atccgccttt	ttgctcgccg	cagccgcctn	120
cgncgcgcgc	cttctncgcc	gccgcggact	ccggcagctt	tatcgccaga	gtccctgaac	180
tctcgctttc	tttttaaatcc	cctgcacg	atcacccggc	tgccccacca	tgtcagacgc	240
agccgtagac	accagctccg	aaatcaccac	caangactta	aaggagaana	aggaagtgtg	300
ggaagaggca	gaaaatggaa	nagacgcccc	tgctaacggg	aatgctaata	aggaaaatgg	360
ggagcaggac	gctgacaatn	acgtagacga	agaanaggaa	ganggtgggg	angaaganga	420
ggaggaanaa	gaaggtgatg	gtgaggaaga	ggatggagat	gaagatgatg	aagctgagnc	480
agctaccggc	aagccggcng	ctgaagatga	tgaggatgac	gatgtcgata	ccaataanca	540
gacnaccgac	naggatgact	agacagcctn	naacgaaaag	ntaaactaaa	aaaaaaaagcc	600
gcttnaccta	tncaccctnc	actgccgtct	canaatctaa	accttggnc	cctttnaata	660
anaaaaaggcc	cgncgggnca	acngtggggc	antgccaccc	cgaagatgan	acncgctttt	720
caacacccaa	cccaaaccct	gaggaatttg	gaacaagggg	atggaaaaaa	gaaccnnnt	780

<210> 4582

<211> 756 ,

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4582

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atcgattcga	attcggcacg	aggccttgag	ggaattanac	agattttctg	ttttgaatag	120
ccaacacatg	tttgaagtac	tagctgccat	gaatcacoga	tctcttatac	tcttgatga	180
atgcagtaag	gnggtcctag	ataatatcca	tgggtgtcct	ttaagaataa	tgatcaacat	240
attgcagtcc	tgcaaagacc	tccagtacca	taatttggat	ctcttcaagg	gacttgcaga	300
ttatgtggct	gcaactttcg	acatctggaa	gttcagaaaa	gttcttttta	tctcattttt	360
atttgaaaac	cttggctttc	gacctgttgg	tttaattggac	ctgtttatga	agagaatagt	420
agaggatcct	gaatccctaa	acatgaaaaa	cattctatct	attcttcata	cttactcttc	480
tctcaatcat	gtctacaaat	gccagaacaa	agaacagttc	gtggaagtta	tggctagtgc	540
tctgactggg	tatcttcaca	ctatttcttc	tgaaaactta	ttggatgcag	tatattcatt	600
ttgcttgatg	aattactttc	cctggctnct	tttaatcagc	ttctgcaaaa	agacatcatc	660
agtgaagctgc	tgacatcaga	tgacatgaag	aatgcttnca	agctgcacat	tttgataact	720

gtctaaaact tgatgatacc ttggggnncc cctttt

756

<210> 4583

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4583

cttntttacat	ctctctcggt	ttattcgata	ccnctacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gagaacctaa	caaataaatg	tggtgggtta	ggaagagaaa	120
gaagtnnaga	tgaaatttcc	actctgctgg	ggaaactagg	tagatagatg	atcatgaaga	180
atctgaggaa	gagcagaagt	cgtacaggta	agaataaatg	cattcattaa	tttattcagc	240
aaaactgcct	gaagaatacc	atgtgcagca	ctgcggggaca	aaacagggct	tgcattecca	300
ggctgtntct	ttgtgaggac	aacangaagg	aagttgagaa	acacacaaga	acaatgctaa	360
gatggggaaa	ctccatacgc	tcggggagca	catacagaca	aagtccaggt	agggctcccc	420
gagaaagtga	cattttctagt	gattcttcaa	gtatgagata	gtcatccacg	caaagagatg	480
gtagaaaagt	gttttaagca	aaacaacaaa	atgtgcatag	gctcagaggc	ctatctgatt	540
ttctatggca	ngctgggctt	tcacggcgag	anaggatggg	cttantgaan	gaagctttgt	600
tggttttggt	ttcgtttcgt	ttgttttaaat	ggtcatacaa	agtttttatt	ggctaccttg	660
cttcaagaaa	aactggggcca	atgatgaggt	gatcatttct	attaatagtt	tcattacngt	720
cctgtgtcat	tggggttaac	ccaaaaaat	t			751

<210> 4584

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4584

aggancnntn	aactcctgcc	agtanagaan	acaagctact	ngnncctttt	gcangatccc	60
atcgattcga	attcggcacg	aggtttngcc	ttgtngggcca	gactagtttt	gaattcctag	120
cttcaagtga	tccacctgcc	tcgacctnac	catcctagat	tgtaaacctt	gaaattttct	180
agagctgnct	cccagtgacn	ttaaacttact	gngtggatct	gccttgctgc	cctnactttt	240
catantctca	ccccgnctc	accacttctt	tgnccttcnnn	tgncactggg	tgtgtttaca	300
acatnggatt	aacagctgna	aggtcagcaa	tgaattccca	aatangcatt	cagcacctat	360
tttcagccct	tcttaatttt	tctgngacat	tcgtaccttt	ntaaagntct	tttcttggnt	420
ctgatgacct	gagatatctt	gatttttcta	cctcattggg	atcctcaact	ttcttctctt	480
ggcttttgcca	tnntgntcct	ntctctctgt	attcattggg	ggncctcatct	gccctctggg	540
aaagttcaac	ananggtntc	natacctact	ccgcgnntnc	aangggccgc	ctaataaata	600
taaatgctcc	anggcaccaa	ancacaattc	ntttacaatg	caatccannc	ccttctcctg	660
acttttcttg	gcaattntac	taaccttaact	cntgggtggc	ttcnaaaact	ggntnaaaat	720
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<210> 4585

<211> 825

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4585

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ccngntaccn	anttnaatgg	gcacnatagg	ganccttttna	ccgatgangt	gggcgcgggt	120
ntacaccena	tntactgtga	ntatatngnn	ttgtnnncng	gnggcacac	agcattctnn	180
tcnactat	cggggccaaa	ntgagacgtg	gaactgann	cctcttacta	caacacaact	240
tnnattca	ncatcnangt	cnntngccan	agnngagggn	gcataaaaca	ctnatcnan	300
gattnnnat	atganaccac	gcggtaangt	ttctgngct	nngacnnac	aggcnctcnt	360
tcaagtgc	ncaccagcag	tngaagnng	gtgncccgcc	tnctccgggn	nggtgacnan	420
tccnncaatn	ngnacacggg	ttncctgtnn	ntacnaganc	actnacttca	tgccagaacc	480
ngcatnnang	nnntnatgnc	gactctgtnc	ctgtttcacn	atgtactaan	ggcttntttt	540
actgtgcgn	gnncgctggg	aacaatagtc	ttnantntag	gggataccnt	tngtgnaaat	600
ancanccnat	cccananng	aancntaanc	tnctccggcc	ttnanccan	tccgggttaa	660
tnagcggaat	ttgntggng	cactntncc	ccncacctag	ttncacagag	ganctaccgc	720
gggnttannc	ccaggccttt	cccaggcgtg	aattncnaag	gggggcttnt	ggtaanncna	780
aggaggttt	tccaaaactt	cgatnngggg	ggnggnaacc	ccccn		825

<210> 4586
 <211> 1546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1546)
 <223> n = A,T,C or G

<400> 4586

ttttnggggg	naatncanac	ggngggganaa	cancctcttt	ttttgggggg	anaaaanccc	60
ccgcnnatn	tntagcgnc	gcancncac	agtannggg	nngagcacat	nnatncgagg	120
gagngnnnt	gantntnncn	cnctacgnag	ntactnagn	acagngcacn	ntnagntttg	180
tgnnnccgnt	tttttttatg	ncataagccn	nccgngana	tacaanttg	cgcagacggn	240
naggtgcggc	ggnnnanagt	gnccagnann	aggcgcnngg	gngcancagn	cgcagnanc	300
gccanncnc	cnctannag	nganancgna	tcggnnccgn	nagaggcant	ngtcannccn	360
cgcgagnnnn	agnnnnnnnt	nnncgangcc	gacgaanana	gnnaggngnc	cnnnnnnnag	420
ngngnagnc	anaaaannan	tnncncaaaa	naggnagnna	gagntgma	tanntgcgc	480
cnngtganta	nccnaagnnc	naentccng	gncccgnnn	ngancaggcn	ncagaaggng	540
cccnannct	nnataanana	ctncnnnnct	nacanaagg	acnnnnncng	cacnntgnga	600
gaagangccn	cngnnaggna	caccggann	gnnnananaa	agnccgggag	cancacaacng	660
nantncant	cgncncgag	natganngn	nnccgcnat	ntcncncn	aacagcnntn	720
ncngactgaa	nggtcngna	gccgataatn	gaacngcnc	ntactgcag	ccgantgnnc	780
ccgcgatnn	cgctanatnc	gtntnnangc	gnntcagngc	gcnncctcgn	ncgnactnnc	840
catcacgcgc	ntacantnat	naccgcgang	cgcgnangcg	ccangnnng	canacacgac	900
ancgngtnc	acncgcgnnn	gcgangganc	cgncncgatn	ganacgagag	ctacangagt	960
atagcgacgt	catancgnga	gnganatgac	gantgactnt	agnccgnacn	ncnnngngc	1020
tncgacncga	cactntgagn	catcctngan	nnccgnagcg	antcctcgtg	anacanacgc	1080
gcnantncnc	acnggagann	aganggcang	cacgcnatcg	ncgcagctac	ganccgngat	1140
gagnnntngg	angcgacgc	cgntgcagc	gcangngacg	gncntgntgn	gcgtngtgc	1200
cnantangaa	ncncagcgtt	anancnggat	gaaggannta	tagacagnac	cnactggcga	1260
cnaagcaaag	cangatagac	tgtgacgc	gacagacgg	ngagggtng	atcgncaca	1320
gcacgcgcgg	ccacanacgt	acnnnantag	catcagann	nacagaacnc	gacagannac	1380
agacanactt	gcantngng	acgananaat	antcncncca	cgcacaganc	agacgagtac	1440

gcatgagcgt	ngngcnnngtg	annnnananat	gnagaggcan	acnnagntnt	nnanaancgc	1500
tgtnannnta	cncagcggnn	gcagannngn	cgencacngn	ngcnnt		1546

<210> 4587

<211> 1003

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1003)

<223> n = A,T,C or G

<400> 4587

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ccntcaagtc	cnatncggcn	cgagcncanc	tttntnnann	tgtecgctct	gagcccatga	120
gncacgacnn	cnttcnccgg	cgcttgnatt	gncatntctc	ccaaatacgt	ggctnntccn	180
cantnngaatt	nategnnatt	tttagtgcca	gannattggc	nataatgtnc	nccntgagan	240
aaannctnct	gncatgngaa	accatcttna	tacttgncgt	nnnnaaatnc	attgtgannt	300
ntgaagggga	acgggcnctn	nnaaagngat	gaatttcnna	taacttnacn	ggtttnatnan	360
gaatgatattt	gncacanc	ggaaaatcac	cccactnntt	tgnttcaaga	ntgggcccct	420
aacgggaggg	gtantagagg	caaaccntct	ttgggggctn	ttntatttcc	ttntttcaaa	480
caccaatntt	tgntgaanaa	taacagtgtt	ttnaattnaa	ttaccaccgc	ntncantgng	540
attntttgnc	ccattncaaa	ggntgggtca	attcccctaa	aanaattggg	aaaanantaa	600
tttnccattt	cntttttccn	ttnaaaangaa	acntnccnt	gnanttaaaa	aaanattctn	660
tntnnttccn	caaatttttt	nnttttnaaa	ccnctnaneg	gctaaccagg	nccgnttttc	720
ggtgnccctn	tttattgttg	gccanntaaa	nccccntttt	aaaaaaattg	gccttnaaaa	780
aatccttacc	atttttnnna	ancctaaaaa	nggattaaac	tttcaaanc	gtnaantaaa	840
tttnnggggg	ttcatntnnc	tttgaactcc	ccctgcntcc	cntanaattn	gaattgncac	900
attggtngna	nccaaantat	ggatntttca	agannaanac	tgggcttnca	aatgnccttt	960
ttcancnaat	nanntnatat	tgccattttg	nggccccccc	cnt		1003

<210> 4588

<211> 997

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature.

<222> (1) ... (997)

<223> n = A,T,C or G

<400> 4588

tagannccctc	tnctcttgaa	gcccentccca	ncnactcgaa	ttcggcacga	gcaaaaaaaaa	60
ggctttttccc	tgatttccag	aatgtactgg	gtgggtgtcca	tctgggtcttg	ggatgggtgta	120
agcataagga	tttattgaat	gaaagtatga	aagtgtgggt	tttatttgaa	agtcaaatat	180
ttggcagntg	gtgttcattt	attctataaa	ctttcaaaac	agatgacaag	ttttaaggaa	240
atggggggccc	taataccaaa	tttggttgaa	ttaaatgaaa	ttcccaagat	tcttttctaa	300
cctttttctt	ttttaaaaga	caggggtctc	acttctgggt	gccccaggct	gggaagtccc	360
aatgggtgcc	aatccttggg	caagactttg	ccctgctaag	ttttccctta	aggctaaatg	420
gttaaattaa	gtgggttttt	tgtggaaatt	tcntaagaag	ccccatttaa	agaagggtaa	480
gtttttttttg	ggaattaaac	ctgggttttt	ccattcttac	ctttaatgga	agcctggacc	540
tggtaaagttt	cnattcccac	ctttaatgga	aacctggnaa	cctgggtttt	tccaatcccc	600
tcctttttaat	ggaanccctg	gaacctgggt	aaattggggg	gaaaaaaaaa	gggggtgggtg	660
gtnggtncaa	anaaaaaagg	tttttaangg	naatttgggg	aaaagaaaaa	attttccggg	720
ccttgggtggc	cntttttccc	caagggttaa	accttaaaaa	aacccaaaaa	gaaaacctgg	780

gttnggnccc	tttggggtgg	ccccctttgg	ntttngggaa	aattcctttt	tcccaagaaa	840
tccantggaa	tncaagnaag	aaaaaaaaatn	ggggtggcnt	accaccttcc	aacaattttt	900
taaaaaaaaa	tggaccacnt	ggaccncccc	ctggaccatt	aaaccttccc	tttaaaattt	960
ancctaantg	ggggaaaaat	ttttttcccc	ccttngg			997

<210> 4589

<211> 945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(945)

<223> n = A,T,C or G

<400> 4589

ttcnatanca	aagccttaac	ctcnggtttt	ttntttnaaa	aggcccccg	taatcccccc	60
aattcgggaa	tttttccggc	atancnacct	tgcgttgang	gnganagcna	agtcgggttt	120
nggtngggna	ccnntgcatg	gnntaggcan	nagnntangg	caaatacatta	tccgttnnnc	180
aanttgggac	gncgcncccc	cnaaaattng	ggtttaacca	ctttngngtn	ggggcccntt	240
tccaaagggtg	gntttccccga	agggccnctt	ttttaanngg	gaannttngg	aaaaccnttt	300
ttttttnggg	ancaaanaact	tanaanngcn	cgggggcttt	ancccccntg	gtnataggcn	360
ttttggacc	tncaagatgt	tcaacgtgan	tcntgccaaa	ggtttggnna	cttgggtgcan	420
gggaaanaaa	ttgaaccggc	caatgnggat	gccttgcaact	gaagaagnac	ntcaattgct	480
ttggagtctg	gagaaaantgc	attattattn	gctacaaggt	aancatnngn	atggactgnt	540
catngctgtg	nacgtntnt	nataatanen	gagccnaatg	aannacactt	ctantngttg	600
tactgnaata	atagggttna	ngntnntagg	gcagntttgt	tcncaatcnc	cntangggat	660
cnnatggtaa	tgatgggtatc	tgnaancctg	ncataactgct	ttaanntttn	gggggaaaac	720
nggctgagta	cttgaagtgt	aatgnttcnt	tacntccagt	agcnananac	tggtatcatt	780
cagttttnt	cantagnttc	nncaaggtaa	ngnanaatgt	ttttaagnaa	aaatnnggct	840
ttttgttng	gggggmanaa	aannttcnaa	gnaactcgg	gcctacnnaa	angtgcattn	900
ttttgtggaa	aaacaanttt	ttgccccgng	aaaaancant	ttttt		945

<210> 4590

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4590

aatcatctct	accgtttgan	tgcngatcc	ctcgattcga	attcggcacg	agggccagge	60
tggtctcgaa	cacctgacct	caggtgatcc	acctccttg	gcctcccaaa	gtgctgggat	120
tacaggcatg	agccactgtg	ccctgcctgt	aatttttatt	taatttttcc	ggtgatggca	180
tgagtgaatg	tccacattta	aagttatttt	ggttcacaca	tggcctttgt	ttattattta	240
tgagaaaaaa	ttatagaaat	aatttaagg	tggtacagaa	atgcaaactc	agaggactta	300
aaatgtacat	gaaaactcca	tttgatatga	caaataattt	acaggtcaaa	tatttttaata	360
tttatatata	taatagatgc	cagttagcac	aattgacaag	ttctctttta	cagaaaagge	420
cccaaaatgt	cttctactga	tgccagatca	gttgattatc	tagggataga	tatctgaaat	480
aagctaggcc	aatttgattt	tctcactcag	gaattatttt	attgactaat	tttattagtt	540
cattcagtca	gcaagtattt	attgaaggcc	tggtacatgt	ttggttgcta	gagatcaatg	600
atggaaaaat	tcanataaag	tttctgcttc	aaacaaagaa	attaaattgg	ctagacatgg	660
gaaaatagnt	ggccttccca	agangggaag	gttctataca	tttagtgctg	ntaaggccta	720

taagaactnc ctctggattt tntcccccn ttgc

754

<210> 4591
 <211> 1389
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1389)
 <223> n = A,T,C or G

<400> 4591

cttnncttgn	tttnngccat	cntcntccgt	gtgcgtngcc	gctgcenntn	natnccnctg	60
tgtnacacaan	ncgtgttgtgt	ctttacactg	ctcnagtga	tcggtncctg	ncttggatcg	120
ggnggacctc	cttggggagat	caatncccc	gtccttccta	cactttgctt	ctgtgaggaa	180
aagaatncca	acctntccag	cccttttaag	gttcccttca	tgaccttnaa	ccctaancct	240
cccaanaana	aanaaccaat	ttntttcaac	ccgggaattt	ttttgaaaaa	aaattcnccg	300
ggnggtantt	tngggaaatt	ttgaacccaa	aaccngaann	gggaatttta	atntttnttt	360
tttgaaaaaa	aaaaatgggg	gttccccatt	taggggtttc	ccaaccccc	caattgggtt	420
ccccctttt	ttcccttngg	ggggananaa	agggaaaggg	aacnccnngg	naaagggttt	480
tggggaangg	ncccaancct	agggganaaa	gggggggggt	tnccctctan	gggnnatttc	540
cttgggncca	aaaaaccccc	ccccattggt	ncccttttgg	ggnaaaaaaa	aaggggtaaa	600
ggnggggccc	aaacnaangg	gggtttggcc	ntntnttatt	nccnttccca	aaanggtttt	660
taaaaacctt	ttttccaana	aancccccct	ttcccggggc	ccnttttctt	ttttaaaagg	720
ggntttttcc	naaaaaaatt	tgggaatttt	ttgnntttcc	ccttgggtcc	ccttgggggg	780
ttccccctt	tannccccgg	cacntttttg	ggcccnttng	ggggggnaac	cctttaacca	840
aggcccaagg	gnccccnttt	cntttntttt	aacccaanng	gggggnnttn	cccctttaa	900
anccntttna	aaaaccccc	ttggaanttn	ggngnnaaaa	aaanaacccc	ccnttnnttn	960
cctttaancc	ccccccnttt	aaanccagg	tcccntnccn	ttaacctttt	ngggnnccct	1020
tancctnngg	nttaaacctt	ttttcgggaa	ttccaaattg	gggnaaaaag	gtgnnggggg	1080
ggcccntttg	gcccccaact	ttttgggaat	tanggnaaaa	canttttttc	gtaaaagnaa	1140
ggcccaactt	tgcccttaaat	tttttttttg	gaaaaaaaaa	gggaagggnt	ttttgggaaa	1200
attaaattgg	gnttaaaaaa	naaataacna	antttgggca	aancnngggg	gancnttttt	1260
tnaaaagtgt	ncntttttccc	cnttttnccc	ccanttccgn	aaangggaaa	gaagnaaatt	1320
tnccgggttn	tttatttccc	canncccccc	nttttttttn	ggggggnaaa	aaaaaatntt	1380
ttttccntt						1389

<210> 4592
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(955)
 <223> n = A,T,C or G

<400> 4592

actttgatat	tattaaaaanc	ccttttncccc	gattttttcta	aatgggnccac	gggaatnccc	60
ccnatttccgg	aattttncggg	gtgggaaccc	tnggcccnag	ccnttaccen	angttgggtt	120
tttccccgga	aaaaaaatgg	gaagggggnt	tgtntgtaat	ggtgtntccc	ccaatttttg	180
gccaaagaaa	gcccaagggg	gaacaaagcc	aaggttccaa	ttcccccccc	aattaaagcc	240
cccccttcc	tggaaaaagg	gaaagggggg	gaangggggg	aattttgcctt	taaaaaaaa	300
gccaaanggg	ccaagttttt	cttgggtcca	aagttttctt	tgaaccgttg	gggcaaaagg	360
tggcccaant	tggcaaaaact	tttgggtgcc	cggggaangga	agtctttaaa	ggaaagtgcc	420

tggtcantaa	attcaataa	gggtccaaga	accaaacaat	cttgggaatga	aatgaaccca	480
cctggaaatg	tgttgtggct	gaccacaag	gaaggtgaat	cctcttgctt	ggggtgctta	540
tggtgtcagg	ttgcttnctt	ccacatctct	catttgctta	aagcagctac	aaaaggatcc	600
aaagactcat	gagactaaaa	atcattctga	ggacaaagag	acaaagatct	gnctgtggtc	660
acactgtgag	gcttgcttac	actgatgttc	tctatgggag	gtcactgaag	acattcagcc	720
ccacacgaga	agatcagagc	aacttggaaa	ccccaaaggg	agacacaccc	tttaacactt	780
gccgtgctgt	gcttgtgccc	tgctcttnaa	ggaaggaaaa	gacctatctt	cctctggggtt	840
ttgntggctt	gacanttgca	acttgatcat	gcctttgact	nontcatctt	nttaacaaga	900
aggaaagaac	ttgtttttta	ttcnaaaccc	ttttnaattt	nngggggggg	ttccc	955

<210> 4593

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4593

nnaaaacccc	ttngnngna	cnctttttga	atnccctttg	cnactngetc	ttntngcnng	60
gateccatcg	atctgctaac	aagcgattnt	aaaccaccta	tgagtatctc	ttntagggct	120
ttcttaanta	catgttngna	tatactgtat	nntagccana	ntaattttnn	atctgatcag	180
gtagtngcta	aaattagaaa	aaaacaaant	agatgettaa	agaatttgca	tccatttttg	240
agtctaaatc	ttttaaaata	tactgagatc	cacatctagt	gaaatgtcag	tgtcaaaata	300
ttatagatta	tagctaaaat	ccagattaat	actcattngg	ggttttttat	agtggaaactt	360
catagtnata	caaaangcag	atngtcttcc	tgtctccgct	gctnccacag	taggtattga	420
aactggtnaa	atcagntctt	ngatagtgtg	tgtatataag	aaaanataga	tacncacatt	480
cttttttctc	agtcaacaca	ttgattgaac	actctggcaa	agatgctgng	gtggatgagg	540
ttggagttcn	aaagaagaag	canagcgctg	gcctgccttg	aaagaaccga	agtctttcnc	600
attcacttct	ntagaaagct	gccaaagacag	angcagaaaag	aaatggatga	taggtctgct	660
aagcacactt	ctggntctct	tagaacttag	aagtgnntct	aagagaacan	aagnctaacg	720
agaaacagtt	cntngtngaa	tcaacaatct	ttnggntgga	accccnttgg	cntttttttt	780

<210> 4594

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (902)

<223> n = A,T,C or G

<400> 4594

ctttttttcca	aaaaccccct	taccttggtt	tttttttaaa	tggtcccggg	antnccncca	60
ttgcgcnatt	tnccgnaaaa	tttncgggnc	caccggaagg	aaaattagcc	catgggaagc	120
ccggtncag	gaaaaaacca	gggnccagg	aatttccaaa	aaatccctgg	tttantcccc	180
aaagnaattg	ccaaggtng	ggtttaatgg	tnacctcct	aaagcccttc	caagtttttc	240
cantccaatc	cttgggaata	ataacaatat	tggggtacct	taatccttaa	caangggggg	300
tggtggaata	acctataacc	ttaattaatg	gtattntgag	gggcattagc	naaagcattt	360
nggcacatac	tagtgcccaa	nggtgtntct	atttgcctgt	ctacatggnt	acccctttct	420
ntccctgana	aatctcagga	tttgggcaca	ctgcactact	catntaacnt	aaaataaaca	480
naggccgncc	ngtggctcac	tctgtatcca	cacttgggat	gtgacgcgcg	atcacaagg	540
angagatcna	gacatctact	atctgngana	ccngtcttct	aaaaatcaaa	aantaccggc	600

cggtggcggc	acctgtntnn	cactctntgg	agactgaggc	angagaatgg	ngtgacnccn	660
naggcggaact	tgcagtgcagc	cgagataagt	gctactgcag	tnccgggncctg	ggtgaangag	720
caaagactnc	gncttcanaa	nttaaaantna	gtcananccc	aaaattaagc	aagggttgac	780
ccccanttan	ttaaaaaaan	ttcccggtt	naaaatttgg	gaaagccttt	tnccaagttc	840
ntntntaaat	ccccaattta	ntttaaagcc	cccccttngg	gggtttttaa	aaanncccaa	900
ag						902

<210> 4595

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (891)

<223> n = A,T,C or G

<400> 4595

ccnntttttt	ttgnattttt	tccannttc	ccccntttac	cttnggggtt	ttcttttttt	60
tnngccaag	ggtaatnccc	cccnattccg	gaatttttnc	ggcaaat	cggtngccaa	120
ccggaaagcg	aanttnctta	gacgtgggga	aaaaaagnccc	tttgnctac	cccccnann	180
tanagnggg	tnnggggncca	aaccaaagtc	aangggggta	ccnactttgn	nnaacctngc	240
ctgggaatng	aaacccgggt	ttcntnggtt	ttccnattcc	ccccattttc	ccgntntttt	300
atttttnaat	cggaataatt	gntaaaaacn	cggcgggtgg	atttaccngn	cccttttttt	360
cantcggaat	tttnaaaaaa	anaagaggag	tggcaaagga	aacccctttc	tacacataac	420
tgaangccac	cagtgtattca	gtncacagaga	ggagggggcnt	nncatannta	tattcatcna	480
tgacgagga	ttttcgngta	aaaaaatcgt	tatcaggcta	cacacatgga	ggagggctgmn	540
ntcgcatggt	gaaataccac	actngatc	cactgnatct	tgacctactc	ggccgacnng	600
catnaggtat	anntgtcnct	ntntttttct	ttcctttgat	ntttncngtg	tcgnttagaa	660
caaagctcaa	tctntcatnt	angntcantg	cntngtcnca	atttnagttt	aacttggtgc	720
cntgatcttn	ccagntttaa	gcnaattttt	gggccttttag	ccctcncaaa	ttacnctttg	780
gactacacgg	cntttaaccc	agccttgccc	tgggcntgaa	ttcctgngat	ccttttnggt	840
aanaaaaatg	gggggtttcc	aaccattttt	gggttttttt	ttnggggggg	g	891

<210> 4596

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 4596

cannnncgtc	gannannnan	nccnaannaa	anannnatna	angnnncnna	nannnncacn	60
nnntcatngt	naccttgaan	ccttcaactc	ttgcgtctcg	angnnccaag	nancgnanng	120
gaacgagcca	anntttnacg	ggcnancntg	canccacccc	aagacannna	tnggcaanng	180
ggcaanncaa	cggagtncan	nnaactnaaa	cnggntgcca	nagataccgg	cntntgccan	240
agaantnngc	tgngcaattg	atganaaant	atgagnagcc	cncctcgatc	ggganggcna	300
cangggccgn	aannggnctn	acnctgngca	gngcatnatg	agcggcaaaa	ngngnagctt	360
gaanncanna	tananngata	ctenagcngg	angccgggag	tgaannacnc	nanngctata	420
taacctaacn	ttnaacnaga	tgggncaaca	atgccnanaa	cagggncacn	ntangaaang	480
ttggggacgc	ccccatccgg	gaccangaca	catgagntac	tnctncaang	acanagatca	540
acacangggg	gaanacanca	cacactgcnn	taacngaagc	atgaanggaa	atgtggcctt	600
tcacnaaaag	cgnacaangg	attgctagat	tgaanacaac	cttaaccctn	ctntagcact	660

tgggcattnn	nntntacggg	aaanggnncg	caaangaggc	tntctntgng	aaaaaaaggn	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggnccg	ggcaccccna	780
gggttanttc	ctacaaaagt	nccgngggcc	ccccccccc	cncnct		828

<210> 4597
 <211> 1395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1395)
 <223> n = A,T,C or G

<400> 4597						
accccccaacc	nncgccccnn	cccccaagcn	nnacgcncng	gcgcnanngc	gnnnacgggg	60
cacgcgccng	cctntgaacg	cttggaacnc	cncctcgacg	cgcgggccng	cacnaanngn	120
ccgngcngnc	cccngcngcng	gnnnnnnang	cctttncnnc	ccnnnacnnn	ncacnccnga	180
aagcccncc	cncgcgnacc	gagnaccnnc	nccnccnncn	nccganccnc	ncgcgcncng	240
ggncggnant	nncngngggc	nanacnnacc	gncnnncncg	nnacccncng	accaaggcnn	300
ncnccacnag	accnnagnnn	nnncnncacc	ccnccnccn	nnccnccatac	ngccnccnatg	360
cnacccaccn	ccccanccan	cagncnngga	cctcccaaac	gccccnctca	acgcnanancn	420
ncacgcgacn	acngccgcnn	anncgctcna	nncnngccan	ccacnnacca	ncgcnnccagc	480
cgcnccnag	cccgggccac	nncnagcncn	acnggctngc	accannnnnc	acctnnccgn	540
acnccaaacg	cnctnccnng	cnctnnncca	ngcnnccacg	acgacccann	ncnccagagc	600
gnnaccann	cagcacgncn	gnannatcnc	gccccgcncn	ngcgcnctan	anacgcgcgc	660
aananaggcn	ncnccnnnca	caancngcng	annangtnna	gcnnnnngnct	gnacnanaca	720
cacnnnacca	cnccncccat	gnncanacan	gcngcnnttc	tnatcnnnnn	ngccatntnn	780
cannaancnt	ncacccccna	gnngagnnca	aanatgnngc	ancnccntcc	cgngntanan	840
cnccgacnac	ncagnccan	taangacnng	cnccangag	ncnccntccg	ancnccgaan	900
gnccnccann	nccgncann	cnntnncaca	acgnacacga	cnangnncgc	agcaccncgg	960
cgccccangcn	ngacggccan	ancnancagc	gcaccacnan	accacaggng	nnccnnncaac	1020
gnncacaacn	nngcnaaacc	annnaccctt	angacannac	gggnccanccg	ngnccganncn	1080
nccngcancg	ctacgancan	cgcgncntgc	gcccacgaag	anacacgnac	annnnannnn	1140
gnngctccn	gacanncc	gcccacacnc	tnccnccccc	cnccnccagc	agntccnntc	1200
nccaccgcag	acgcnccan	ctacctcnnn	cngnntnnnc	ccnnnccgca	cancctann	1260
nctacnangn	acgnntcgcn	naacantcgc	ancnccancc	tnccnccncc	acnatgngat	1320
ntccgcgant	gcacanncn	nngngccncc	tnccanntag	acaccangca	gannccgtnc	1380
nnancgncgc	cnccg					1395

<210> 4598
 <211> 1053
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1053)
 <223> n = A,T,C or G

<400> 4598						
gtgncctccc	ntccctttca	annnnntngg	aantctcnct	cgctntntcg	tgcnncgcgc	60
nntgtgatng	cangantact	gagatgggat	ncnnccacg	tncccncttn	ctggctctct	120
gagctcaaan	cnggncagat	tgtnnggatt	acagntgtga	ncctcccnct	cnngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	ggnatnnnat	ggngagctann	300

tnngntccnc	ngnnaccttc	ngnccccngg	nanctnntgn	nttctnnatc	ctccannnct	360
ntcanntagc	ncngnnatth	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgccngnet	ctcctnnncn	480
nnnnngtncc	ctantntgt	taccncanca	tctngttcta	cnmtcaacat	ttgnntntng	540
nnattaacat	tnngtctgn	tcancctcgn	tncttcannt	nntannctnt	tgnnnecgnan	600
tcngttant	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcnngnctt	720
nntgntntna	atactcaacg	tcaccnttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	namnnatann	ttatactnga	ntnatctagc	tcgcctcaca	nntanancac	840
nntncgancg	tnntnnnctn	ntnnatnatc	ntcnntcnn	tattatctcn	atcccgncta	900
tatnnattnt	ttngngnnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgcntncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagncttgn	ncc			1053

<210> 4599

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1053)

<223> n = A,T,C or G

<400> 4599

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nntgtgatng	cangantact	gagatgggat	ncnnccccacg	tngcccnttn	ctgggtctcct	120
gagctcaaan	cnggncagat	tgttnggatt	acagntgtga	ncctcccntc	cnngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaagggt	gnnatnnnat	ggnagctann	300
tnngntccnc	ngnnaccttc	ngnccccngg	nanctnntgn	nttctnnatc	ctccannnct	360
ntcanntagc	ncngnnatth	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgccngnet	ctcctnnncn	480
nnnnngtncc	ctantntgt	taccncanca	tctngttcta	cnmtcaacat	ttgnntntng	540
nnattaacat	tnngtctgn	tcancctcgn	tncttcannt	nntannctnt	tgnnnecgnan	600
tcngttant	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcnngnctt	720
nntgntntna	atactcaacg	tcaccnttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	namnnatann	ttatactnga	ntnatctagc	tcgcctcaca	nntanancac	840
nntncgancg	tnntnnnctn	ntnnatnatc	ntcnntcnn	tattatctcn	atcccgncta	900
tatnnattnt	ttngngnnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgcntncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagncttgn	ncc			1053

<210> 4600

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1020)

<223> n = A,T,C or G

<400> 4600

tnntaatcctt	cttntctattn	nttnggaatc	nnantngctc	tatngcgctt	gggccnatgg	60
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atgccggana actnnnatgg gattttttccn acgttgccna ttctggncnc ctgagctcaa      120
agcaangcng gattgctngg attacagctg tgagccancg ngcctggctg anatgacttt      180
tanaaaaaga ctncntntaaa gtagaangaa nggtggaatt gtatgcacaa naagaaaaaa      240
acctgnaaga aaaacatact aaagaggctg gantgcaatg gcncgatctt ggcnaccga      300
aacctcngtc tccnggggctn aagtgattnt cctgccnnag nctcccaggt angctgggat      360
tcaacnnatg ncccaccann ccnggntnat tntgaatngn tantntcnga cctgttcctc      420
tccatagant ggntcncgga anntctncca tnttcnntga nctacangnn ntncnannc      480
tantanntnn ntncctctan tnnngntact nttnanntna tcatnttnaa ntggntctct      540
atctcnantt cactaatngn cctngnacna tnattancgn naccnctat aaaatacaca      600
tnctngnttc nntnanaata caatnacatc cntngtgagn cactnactna nacngtgatc      660
tctcgcantn tntcnatcnn nccnccatat nccanggca catctatntc agatnnaact      720
canctngtan tattnagana cctcgcacnc actntctgtt atactntnn cantctntaa      780
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tancantcnt cncncnntat ntaaanncgt ncacacagtg cnnnttatnc accgaannta      960
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<210> 4601

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1081)

<223> n = A,T,C or G

<400> 4601

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ttcactnact gtcccatgaa ncaaaaattg gatcttttct aagcaacaga aacttttagga     120
tggcnangac aaaagctnng ncttnntccn tntganntan natatgnaat ggagattctt     180
tctnatgnng atcccattcn gttagccnta aaaannncat acngcnnnnn cggaatngga     240
ccttagcaaa ccaaagcgga naaagcctga tggncgaatt ngaangangc cactgncccc     300
ttaaaaaatt gagcctcnnc cttnccttgg gcggnnaaac ccccttcctt nttnaacegc     360
ttcttnntag ntcaaaaagn gnggtaaatn ncccggtttt cttatagnat cttgntaacc     420
tntatccttt gtttgaacaa cttttcatcc cctntntntt ccccggnnaa aagncttctt     480
aaaaatggnn gggncctttt cnttttantg gatttttcca atnnttaaac ngcttttaat     540
cggnttcctt aaggananc cgggaaaaaa aaaatttgan tttnggggga agnaagnatt     600
tccaacggna aagaancntt tcccttggg nggccaaaat atttnatgga cnccttttta     660
ttttccccc cttttgttaa aaggnccttn ggaantggac ccccttctnc cacctttaa     720
aanacctngg ggctnggtcn tttgcccaa ccataanaag ttgggaatag ctatggcccg     780
ggtnttttaa ancccttgng gaaaaaaan ggggttngcc nttnttttn cncnccgtaa     840
tttnnaaagg gggggggttt tttttctnc ntttttaaac caaanggggn cccaatttng     900
gggaacctgg gaaaccnng gtttccccc tttttttttt ttttttttt ttaancaatt     960
aaanaaaatt cccacanttt ntttttttgg ngnaaaangg ttnnttgga acccccccctt    1020
ttattanggn ggngggcccc tttgggnaaa aanattnttt tntttnnggg cgnaaaaaaa    1080
a                                           1081

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<210> 4602

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 4602

cgtnttttaa	cncttnnact	cccgtgcttn	atgccgancc	acnctgactt	aactggcgcg	60
ngatgtgtgc	tttngtnagg	catcactttt	cccaagnatt	tcatgttcat	ngtaaaagagg	120
aaaaatacan	attnctctat	aatgtctcca	ctnattggct	aantcgccac	ttntcatctn	180
tgtgggaaat	gccangtttt	gaantcaagc	cttcnnnaat	tnngaacatt	tnntncaang	240
tttattcccc	aattgcgggn	ggaanatccc	tnacctggct	naaaaaatnaa	atttcttttaa	300
cccattnnga	aattngcnta	aggnmccaaa	anaatttttg	gcncctggcct	ntctttttaan	360
ggnccttttt	ccccaaaaaa	nggaaatttg	gccccaaattt	cttggnggga	cccttggnc	420
aacncctttc	cccttgga	ccnaagnccc	ccgggggaccc	attggccttt	naaaaaaat	480
gggnanttn	gncccnanaa	aaaaacnccc	cctngggggg	aaaaanttta	aaanngggnt	540
nggccccntt	taaaaccaa	gnggttgga	aaaantaagg	nncccttacc	ntaattttna	600
acagnttanc	ccttttttgg	tcctgggaac	caaattggng	gnatnaaagg	cggaaaaataa	660
atttggaat	ccccccaccc	caattntngg	gaanagtnat	ttggncnttt	ttnaaacaat	720
ngggaaaaaa	tctttaagg	ccnaatnacc	cctggggggc	ttggaaaagt	tnttcaaaaa	780
nggatttncc	aaaaccctaa	cccttcccc	aaaaaaaaag	gggattccaa	ngggtttant	840
tnccctcaa	tncaggtanc	ctgnccctta	aattattatt	aaaagccacc	ctttcccgga	900
agaatccaaa	tnccgnaacc	anagttttaa	aaaanccaan	ngaagccttg	ggncanggcc	960
agttttanaa	gaaaatggcc	cnaacaaccc	ccggttttgn	aaaaaagagg	accnnggggtt	1020
tttttttttt	ttnaaaaaaa	aaangg				1046

<210> 4603

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (891)

<223> n = A,T,C or G

<400> 4603

ttcatcctnt	ntngcttttg	tgcagatncc	tcgattcgtg	agtgtgtaac	tcctaaatta	60
gaacactttg	gtatctctga	atatactatg	tgtttaaatg	aagattacac	aatgggactt	120
aaaaatgcga	gggaataata	aaagtggagg	ggcccttaga	tacagaatcc	aggctcaatg	180
gataaatgtt	tttggccctt	cccccccca	tcattccagna	gttgggaaaa	aaagtgatgc	240
cgaatatacc	caactcttcc	ttttggtacc	ctaccatttc	tgggtacctc	tgggttttgg	300
aaaaattccc	atcntacc	aggaaacagg	cattagcctt	ttgggtattn	ccccaaaant	360
tacccccant	tanttcaaaa	aaacaaaaaa	taggtttcaa	ttcaaaaaatg	ggaatttttg	420
gnaaagtttg	gaaagaatcc	ggtacctttc	ggtttggggn	tttttaaaaa	ttccaagaac	480
caccattgcc	ttttggagga	aattttttaa	ccaggaattc	ccctttnttt	tcaaccctta	540
ccggaatttt	cntttcttta	atggaagnaa	attctggcnt	caagaaacaa	cccttaccac	600
ccnttccaag	aaagggttaac	cttnaaaant	ttcccagaaa	agaatanntc	ntnccagcnt	660
ttttntcaaa	aaataccaac	ctccaaacct	tagcttnctt	ccaatagcca	atttaaagcc	720
gtgccncccc	agtnaaaagg	ntccttaaac	atggacagaa	catncgagat	gtcagcaaca	780
aagaaaactga	aattccgtgg	atctatncac	acagaaactgg	aaaaaaaaaa	aaaaaactcg	840
gcctctanac	tatagggggt	ccgattacgt	aaattcccc	ccagggnaaa	n	891

<210> 4604

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (877)

<223> n = A,T,C or G

<400> 4604

tcgnttngac	tnttgaattt	ngaagccntg	cgngaaccct	cangacncan	ncgnnncgag	60
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ntnctngaag	aacctngnt	tgaattacna	nagagngccn	ngnattnnaa	gccccaatatn	180
tggcnngcgg	tgtccattaa	ttntatancc	nngcnanaca	gatgacactg	ttttaaggaa	240
atggngccna	acccaanccg	ggtggaanga	atgaatnnca	agantnggtc	tancggggan	300
ttttttaaag	acanggtctn	actctgttgc	ccatgctgga	gaccaatggn	gcaatcttgg	360
caganttggc	tgatagtatt	ccttnggctn	ccgnaantnn	cggnnaccgn	gaaccccata	420
gccgttaaaga	aggtnaggcc	tntggaatga	aaccgtttnc	cancaaacna	aaagagctga	480
ctgnnaaaacn	catcccacta	antggaaccn	nnnccggctt	ntnaanncnt	cnntnattna	540
ncctggacct	ggccctaggg	ggaaanaaaa	agntgccngt	tggcnaaang	gaggntncct	600
tttntttgmn	naaacaagg	attnccggnt	tgaannccct	gtcccnacga	tgtntcntaa	660
aggaccccca	taaaaccngg	gnncgnncca	aggggaggnc	cccgttggga	tnttnggagg	720
attccttttc	cccaataaaa	actnttacc	agnttggngg	agcnnngcng	ccaacccctc	780
cccgnntnan	tcnttnaaan	cncctctcng	aacnccctc	nnnatntgct	cccatttnaa	840
ngnncctaata	ggggtttttt	ttttnttnna	nnnccct			877

<210> 4605

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (854)

<223> n = A,T,C or G

<400> 4605

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nganttcngg	ctttntgang	gngacggnta	gnnantcnan	acacacttnc	tnnacattaa	180
tggganncgn	gcctganctc	ggganctncc	aaaangttng	nntttcctac	gaatgancac	240
ncntggngct	gngnggaatn	cgggcgantt	agnctgcna	tggtgacatt	attntntcta	300
tataacanta	ttgctggcnt	ncctaccgna	gnnnntnnac	cctgnantgt	ggcactnccc	360
tncatatcca	nanntcctcc	gactgtatat	gccttccgtg	cngcatacaa	nnnangccta	420
tanccttaann	gnaaccanan	nnntgnggaa	nggatganc	caatacatgt	gnncattnt	480
ncatgngtgt	tccnacatgt	ggnccttcgaa	nctcangctt	tggaaaccag	ngtttcacgn	540
gacaatgana	cctttccatg	cttntntgcc	ccncaatntn	cctcaatttn	nttataanca	600
aaaaattttt	nntntatttt	canaaggngg	tccagtantt	ttnttnacat	ggganngact	660
ttaaaattnc	ctaagcaagg	ggaanccatc	ttttaangan	cattaanttt	ctntgggggg	720
anaatccaaa	ccanancctn	gaaccttttt	tcaatgaact	tntngcaacn	ttattttttg	780
agcanccaat	ttttttcggt	tgaaattccc	aaanacaaat	tgtgttttag	aggnnmnaaa	840
aaatcncttc	cnet					854

<210> 4606

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1401)

<223> n = A,T,C or G

<400> 4606

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gaatcccccc	natncgggaa	ttttccgnen	tncccttctt	gggaanagga	aaaaatnaaa	120
tntnngagtt	tantggccca	cnataagggtt	aatccaaagt	tngccaaang	tttanatggc	180
ctgggtntng	ttgcntccca	actggaacct	gggggtttcc	caagggggga	acccccggg	240
aagaacctta	ncccaaaactt	gaatttttaan	aagaatggaa	gaaagngggg	gtttanctgg	300
gggtcaagaat	ggaaacaaaat	ncctttccac	tnaatgggcg	gtggaaatgg	gcccttttaa	360
ccanggaaga	atgccttttg	caggcaangg	aaggaattgg	ccaagaatgg	tcccttggct	420
tccacaagta	ntccattggg	caggncaaaa	tggaaacnatg	gtcggaatga	aataatggtt	480
tncccccnaa	aaatcatttan	ntagtngaac	nttttttggg	ttnggaaanc	cttccttggg	540
gccnntaaat	taaaagaaaa	aaatggnaaa	gaatgaatgg	taacaagaat	tanttggtca	600
aaccngggac	cttncttcaa	agccaagtaa	ntttaagtng	gaaagtctct	cgggaatttg	660
aaaaaaaaanc	cntttaaaaa	aggnaaccaa	attttttccc	aggnaaaaat	ttgggaaaaat	720
naccttggtn	aagnaaaaant	ttccttggat	tttcnttttt	taaaacaaag	ttaaggccca	780
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tgggggttaa	anggaaaaaa	ttngggngg	gncccaaggg	ttcccanntt	tttnaaaaaa	960
aaaagggtcc	naaaaaaaaa	antttttttt	tttttnggg	aaacnttttt	ttttnttttt	1020
tttttttttn	aaaaaaaaagg	cccccaaaa	aanggggnan	ccccaattta	agcttttttt	1080
tttnaaaggt	tttttttttaa	aaaaggntcc	ccacnttta	aaaggggtta	aagcnaaatt	1140
anttttttta	agggggggggg	ggaaaaaatt	aagggtttcn	aaaaaaaaaan	tttttttaac	1200
ctttgggttt	tggaaaaaaa	aaaaaaccca	aggctttggg	cctttanttg	gttgggcctt	1260
ttttnttttt	taacccccct	tgggttttcc	ttgggttttc	cccaaaattt	tttttggcct	1320
tgggggaatt	tttnggggaa	accaanttaa	agnnccccan	tttttcccnt	tttttttggg	1380
gggggggaaa	aaaaaaaana	n				1401

<210> 4607

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 4607

ngnnnnnnntt	tcnaaanccc	ttttcnaatn	ccttggctat	ttgatctcct	tgcangatcc	60
catcgattcg	aattcggcac	gagaccctct	ctggccacat	ggaggcagtt	tcctcagttc	120
tgtggtcaga	tgtcgaagaa	atctgcagtg	catcttggga	ccatacaatt	agagtgtggg	180
atgttgagtc	tggcagtcct	aagtcaactt	tgacaggaaa	tnaagtgtnt	aattgtattt	240
cctattctcc	actttgtaaa	cgtttagcat	ctggaagcac	agataggcat	atcagactgt	300
gggatccccg	aactaaagat	ggttcttttg	tgtcgtgtc	cctaacgtca	catactggtt	360
gggtgacatc	agtaaaaatg	tctcctaccc	atgaacagca	gctgatttca	ggatcttttag	420
ataacattgt	taagctgtgg	gatacaagaa	gttgtaaggc	tcctctctat	gatctggctg	480
ctcatgaaga	caaagttctg	agtgtagact	ggacagacac	agggtactt	ctgagtggag	540
gagcagacaa	taaattgtat	tcctcagata	ttcacctacc	actttccatg	ttggggcatg	600
aaagtgaaca	ataatttgct	atagagatta	tttctgtaaa	atgaaattgg	tagagaacca	660
tgaaattaca	tagatgcana	tgcnгааagc	cagccntttg	aagttatata	atgttttcnc	720
ccttataaca	gcttaacgta	ttactttttc	ttatttggnt	tatnataana	nagntgngtt	780
antaaaaan						788

<210> 4608

<211> 793

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (793)
 <223> n = A,T,C or G

<400> 4608

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ntgacgtcca	cacaccctnc	tcggttagag	ntcattttgt	ggcaacggaa	tgncccggnc	120
aaacagnagn	gnatnttnnn	ggcacagaag	gccngngcca	ntttcatgga	cacctggctg	180
gacctcngng	gaagngaact	ncgataagat	gngtgcggtc	actgcagnac	ctcacantga	240
taccgtccnc	tctaattgga	cngancctcc	ccacatgcac	ncnccactca	aanggagntt	300
naaaggctgg	gttcagggtta	caggggcgtn	ttcttcaccg	tctgaatgcn	ggaagacaga	360
ntacnagctc	cagaggagcg	ngggcgggag	acggagctga	natgcgngat	gtctaggaaa	420
ncgtcctcgn	attcctnagc	gcgggcngcn	ngactgntcg	cggcccttgc	ctgncttnca	480
ngagcgcttc	aacttnnncc	aacacacccn	cggngctgatg	ttccctnnct	ccggcggcct	540
gcacacccca	acnatgcctg	actnggangg	ctcncctnnc	cacacngacc	ntganttnng	600
gnncaagtna	cancctgtnc	caaantaccg	nttaatncca	aaagngnacc	cntgaaaagg	660
aanccgnccg	ggncctntag	ccngngntnn	ancnggancc	gggnnnncnn	ngngnangnt	720
ngaaagggtt	cncccgancg	nntntnecgn	ncctcgnatn	natgcntccc	cnggcantag	780
ncnacntcan	ncg					793

<210> 4609
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1104)
 <223> n = A,T,C or G

<400> 4609

nnncaaaaacn	ctttnnnctc	ccgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaaaagg	gacagcgtgg	ataaaaagggt	tttttaaaaa	catgggatgg	ttaaaggctg	120
gtttttgctt	tgggaagaaa	gaacttnggg	gaactggggg	ancaggctct	ttaagaatat	180
ttaatttgga	aaaatgcctg	ggccacctgg	tcctaatact	gggaatcccc	aaggggcttt	240
ggaanctaag	ggaattttga	agggaaaagt	caccaagggg	aaagccaaga	atttccaagt	300
cctggacca	ttttatttcc	antgccaaag	gttttttttt	gggtgcctgg	taagttatta	360
ttgaatggaa	aaagaatgg	aaaaagcctt	gaaattaaaa	ggccatttaa	ttttcctgcc	420
ccctaagaag	tttggtttcc	accagcccc	taaattccaa	gggccattaa	tgggaataat	480
ggttaaaaa	caaatggaac	ctggtaaacc	cgtnggttta	ttacgaatgg	ttnaaaggan	540
ccaaaaaatt	ttaaaaaaaa	angggggggg	tttttttaaa	naaaaaaann	gaagggccat	600
taaaagggaa	nccccctcca	aattggccaa	nangaatttt	ggaagggggg	ccanttnaat	660
ttttttta	ttnttgaag	cccttttaaa	aaaaagaatg	gaaattaagg	ggtggtttcc	720
ttccaangga	aagggttaag	gggaatcctt	gggccttgga	aaaangggga	aaattaaatt	780
cctggaggcc	aaaaagggg	aattgaaaa	ccaagccct	taatngccnn	tttaagnaag	840
naaaaaaaa	gggttccctt	ttttaaattn	aaaggggcaa	tttttngggg	ggntttnggg	900
ggggggaaaa	ancccttttg	gnaaaaaaa	aagggaaaaa	attngggggg	naaanccctt	960
nggggtnc	acccaaccca	aggggggncc	cccttttggg	nggggtgggc	ccccnaaaa	1020
acccttaaaa	aggggggggg	tttttngggg	aaaaaaaaa	atnaaanaaa	tttngggnaa	1080
aggggcccc	aaaaaaaaa	aat				1104

<210> 4610
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4610
 ggncctttgaa acccttggtt acntgccctt tntgcaggat cccatcgatt cgantnecggn 60
 ncnagctana cctcntatga gggtnncntn cagggctacn gtgattacat gnatgtntat 120
 nctggnnngt agccgctant ganttgatat ctgncagggt nactcctaga tgtcngnaac 180
 cgcggtganat ctgccgcccc acctnagcat gnatntgagc gtctatcaca nctnnnnngan 240
 actgggatnc acatntatgg anttgnnnncn gacaanatga tatanntgnt ntcntntant 300
 cngantaant ctaatttnnm gntatgtnta nnggancntc atacctgtac aagacgcnc 360
 tagcntgant gnctangctg ctnaccacat gtaggnattg aaannggtta nnttagacca 420
 tgnacanmnt gtgcctatac ttaaaaagatc tnttgactan atgctgctcc ttgtagtacn 480
 nnaccctga tctggncacc nctggtnant tantgctgtt ngccnatna ggtacggtag 540
 tttnganang ancatanctg gcgctacgnc nggcnnttan ntganccncc atanacatcn 600
 nctattattg atacngccc ttaggatnag gcngtgtcaa atggatganc naccantagg 660
 cnantnttgg tntcgtaacna cttggnaacg cccttagagt aatnaaangg gaagntgaaa 720
 cnggggcntn gggaaattan acatcggttg cntgangcnt aggcttnctn atntttggn 780
 ngann 785

<210> 4611
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4611
 gatntntntt tcaaanccgt aggetactcg ttcttttttgc aggatcccat cgattcgaat 60
 tcggcacgag gaaagctcat taccagtagg acataatttt tggctctccc tattcacaac 120
 cagtgcacag tttgacacag tggcctcagg ttcacagtgc accatgtcac tgtgctatcc 180
 tacgaaatca tttgtttcta agttgtgttt attcctggag tgacatgcca ccccgatgg 240
 ctacttttca ctgaggatgc tgcctctga tttagctgct gcctccagcc tctggcttga 300
 gaacttacta aaggcacttc ctctctgtta aaccctgtt aactctccat aaatttggtg 360
 attctctgct aggcctaaga ttttgagtta acatctcttg aagccaaact ccaccttctg 420
 tgctttttgc ttgggataat ggagtttttc tttaganaca gtgccaagaa tgacaaagat 480
 ntttaaaaaa anagaaagaa angnaaaaaa aaaaanccct nactttttaa agnaaaattn 540
 cctnacnagg attttttaan tatnagntna ttcttttacc canttttnt ttnctannt 600
 tcctnngat nttttccaan ctnaanggct gggnatTTTT aaacttcant ancttggtga 660
 aagacaaaaa ggtggttttt tgganttnag naaatttttt ggaaaatctg gcntaatnct 720
 taaatttggg aaaaaatttn nggaaaattc cttaanaaaa taaatntnct tattaaaaa 780
 aaaantngng ccttttagaa ctttngngng cntttncn 818

<210> 4612
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 4612

ttcaaattngc	ttggntctng	ntctttctgn	angatcccat	cgattcgaat	tgtgactnat	60
ncnaggataa	atgtnatatg	cgtatgattn	tgatatgact	ttgatgagnn	tcttcagggg	120
aaatttctna	aantgaaatt	gctggattaa	ngggtaaattg	catgnatagt	nttgntagac	180
aggncannnc	nncnccctta	naggtngtnc	cctttttgtgt	tcctgccann	nataatntgag	240
agtncaacnga	ntatgtggtn	nanctntata	atgcttgctc	atctgatang	gaanaaatcg	300
agtatgcctt	aatntgccct	tcttttatta	tgaatcagat	tttaatnttt	tgctctaga	360
actatagntg	agtngtatna	cgtagatcca	gacatgataa	gatacattga	tgagnntgga	420
caaaccacnn	ctagaatgca	ccgaaaaaaa	tgctcnat	gtgaaatntg	tgatgntatt	480
gcttnatttg	tgaccattat	aagctgcnat	ntncaagtgn	acaacaacaa	ttgcattcat	540
tcnatggntt	cagggttcngg	gggactgtgt	gnggatgggt	ttntaattcg	acggncacct	600
gtgccaaatg	cattggngcc	ccngggaccc	cagctttntg	gatncccttt	acatggaggg	660
gttnaatttg	gcccnccttg	ggcngttaat	cacttnggnc	cataagccng	gttttactgg	720
tngttgaaaa	tcggntantt	nccgtttcac	caaatttccc	cacngggnat	tttctagccg	780
nggnagcctt	caaaatggnn	anagcccttg	gggggnc			817

<210> 4613

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4613

gtttnnnnnn	nttnnnnnnt	tcnaatngct	tggntactng	ttctttntgc	aggatcccat	60
cgattcgctc	aggcttgggg	ggaagaacaa	gctacttggg	agttaatgga	tgatagctgc	120
tgtggccatt	tttcttaaga	gttagactgg	ggagatgggt	ttggaaagta	aaatgcaa	180
ggtgggtagt	ggtattaggt	ggtgatgccc	aaggcgtgct	gtagaaacct	gcagggtgaa	240
gcccataact	tttgttacgg	gaatggggta	actgaatcct	aaactagcta	ggggagatag	300
ggatggaaag	agcagatgtg	gaggttgggg	agaaggaggt	gacaggagat	atatccagtt	360
ccagagggaa	tagggagagc	tgtgtggcta	agatttaact	gtttggacat	ttaatttggg	420
gaaattgttt	tccagccaag	tgaataaata	atactggact	tcaagtncaa	gcttcataca	480
ggaagtgaag	ttttggtgtg	gagatagctg	catagtcagg	gaacactcta	aattaaaaat	540
agggaggccg	ggcatggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgggcaga	600
tcatgggatc	aggagttcna	agagcaccct	tgaccagcat	atttgaaacc	ccatctnact	660
tgaaatncna	aaagattacc	cggcgtgggtg	gtgcacgcct	gtatnccact	tctcnggagc	720
tgngcangaa	aattgcttgg	ccccggaggc	gtggtgcatt	aaccagttc		770

<210> 4614

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1253)

<223> n = A,T,C or G

<400> 4614

ccccnagttt	tcnaaaaaanc	ccncagttt	tggaaaangc	ccctttgtnc	tanacagggc	60
catcccccaa	tcgcatttcc	gnaaaaangn	cgncgcagna	nggacttggg	nnncgcctgg	120
acnccngnat	annntcgggc	aacacactgt	cgnggagagt	ttttntnnca	gggccggggt	180
taattacagc	ctcangggta	cggaggggaa	aaacnanggg	ggaanattgg	nanannccgc	240

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caaangggat tttgggggna aagnaattaa ncccaccana ngntntactc ngncnnaccg      300
gggccaaatg cnaggaaatg gggaaanacc tttccgtngg ggcaagcccg ggnaaccatn      360
gagcgnngga ccanttatgg ggcggggacg naaacctacn ggnccaaaca anggccacct      420
gcttanggaa actaggganc gnttaanaag ancgcganan aagcccgttc ncnnaacctt      480
tgnttgnnnn annaatgggc cntgggggnc ntncacacg ggnggnntaa annngnanna      540
nngnntttaa acaanncccc tcaanggggt aacccgnaac caacctntgn cacnggggnt      600
annnccnnna aaaananccc acacagcgat acnncgggga gaaaaaatTT ntaaannntt      660
nnaanancca atngccatnn aaaacncntt gcccaaacng ggaaaaaann gcccccgga      720
atntancaac cccangtagc ccanaattn ccccaacgga gngggcccca antatctgnt      780
agggnaatng nggnattngg cnnttnnaaa nggnaanata cnaccgnttt gngnggcnn      840
aanatggggg ngaattgcaa aagngnantt tggncaaaaa ancnaaaaaa ncgnccctnt      900
tttnnacnan canggggaaa nncctcnagg gcaaccnata ccnancctgg nataagaaag      960
tcctnggnn acctnanaag ngngntccc ccganaaaaa aaaacnaagg nggttanccg      1020
aannccaatt cccccggngg atattggaaa aaaaccnggg gaanaaaaaa aaaaanggga      1080
agngcttntc canggggggg naancaattg gntnaaaaaa ccttttnc tttanangaa      1140
aacntttnt caaaaaanct tntaaanaaa aanccaatnn ttatnccccg cgaannccaa      1200
agnggtnttc aaaatacnng gancattaa cgcggnnatt atcccntnaa aaa      1253

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<210> 4615

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4615

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ttcaaacnct nggctcttgt tctttttgca ggatccctcg attcgaattc ggcacgaggc      60
gcaatgcgag cggttggcgt agggttgggt gactgtcact gccacctctc cggccccggac      120
tttgaccgag atttgatga tgtgttgag aaagccaaga agccaatgtt gtggcccttg      180
tggcagtgc cgaacattca ggagaatttg aaaagattat gcaactttca gaaagggtata      240
atgggtttgt cctgccatgc ttgggtgttc atccagttca aggacttcca ccagaagacc      300
aaagaagtgt cacactaaag gatattgatg tagctttgcc cattattgag aattataagg      360
atcggttggt ggcaattgga gaggttgga tagatttctt cccagattt gctggcactg      420
gtgaacagaa ggaagagcaa agacaagtcc taatcagaca gatccagtta gccaaaagac      480
taaatttgcc tgtaaatgtg cactcacgct ctgctggaag acctaccatc aaccttttac      540
aagagcaagg tgctganaaa gtactgctgc atgcatttga tggtcgggna tctgtaacca      600
tggaaggagt aaganctggg tacttcttct taattncccc ttctatcata agaaagtgga      660
cagcagaaac ttntgaacaa ttgccttttaa cttctatatg cttagaaaca gattcacctg      720
cnctaggacc ngaaaaacaa ggtaccgnat gancnt      757

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<210> 4616

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1351)

<223> n = A,T,C or G

<400> 4616

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ccnttttttt ngcnaaaaaa aattcnncn tttttngggt ttttaaaaaa nanccccccc      60
atttttttca tnnntttttt tnggnncagt naaaaaannn nanantttnt tnaggggnan      120

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ataaannnnn nntannnga angnnntnn tntntnaaag tannnnnngn tttttntgaa 180
nnnannagan agnngrnntt ttttttntnt nnnntanna gntttttttn tgnnggnatc 240
atantattnt nncaaggagg ggtannntat ttnnaanga tgaantttgn atntnanngc 300
atnnannaan naaanttnnt natntngnna taatnaaaga attnaataat tanangatan 360
atacntaaaa aaaganncga gagcattntt nntgggattt ttnatcatct caaatnagnn 420
annatatcta tgaatgatan ttanttangn ttnataant annnnnaann gtnttatnna 480
annatantgt nattngannt gananaang atctgccang nangatntna tnaaatntnt 540
nnnngaanaac antnnnagg cgnaatnata ttnntantna ntntntnatt annaatagaa 600
aaatntnatn atnatatana ttnattatac antantatgn tnnaaantat atnanntntt 660
tatactctac tatatgaatt attcnnanga natnaattan agnntngaag aaatatatat 720
atntanaatn tnatttaatc tgtannagan tananacttn cnaancatnt ctatgatata 780
tgananagnn tatattctgt acttaatngn atattanata tgataaatan anagatatata 840
ataatattat nacatacgtg tatanantta tatntatntg nagtacnngn gannaatgat 900
tacttatatn antattnana tncnatanat atnnagggtg tagtcttgta naatgtgna 960
tcanngagt cnnnataata nntntatctg ttatgttggt atatatgtgn tngnatatat 1020
nctactannn nataaggnta taatttgnga nnagatgttn aantttnatc tcanagacat 1080
cnacatgcan atnangttga anantgttt ntatatctca tangtantct cntatngatn 1140
tntagctatt atntagaana nntanatata tntnctctnt atgttnaatg actcataant 1200
ctatnatgtn ngtacaactn nctntgtata nagnatgnc tcatanatta cncnntantn 1260
cngatatata tagnnnatnt ntatattnat actctantan ntgatngana tattntatnn 1320
acnnanatag actactatan taataanatn a 1351

```

<210> 4617

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4617

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ttctaattncc attctaaatn ccagttccaa gccttngtgc aggatccctc gattcgaatt 60
cggccgagaa gatgcaggtg aacaggtagt atcttcccca gcagatgttg ctgaaaaagc 120
tgacagaatt attacaatgc tgcccaccag tatcaatgca atagaagctt attccggagc 180
aaatgggatt ctaaaaaaag tgaagaaggg ctcatatta atagattcca gcactattga 240
tctgcagtt tcaaaagaat tggccaaaga agttgagaaa atgggagcag ttttcatgga 300
tgcccctgtt tctggtggtg tagganctgc acgatctggg aacctcacgt ttatggtggg 360
aggagttaa gatnaatttg ctgctgncca aaaatttgct ggggtgcatg ggctccaacg 420
tggtgttctg tngagctgtt tggactgggc aagcggcaaa agatctgcaa caacatgctg 480
nttagctatt agtattgatt nggaactgct tgaactntga aatcttggga atcagggttaa 540
gggcttgacc caaaactact ggcttaaaat cctaaatatg anctcangac ngtgttngt 600
caaattgaca cttantaatc ctgtcctgga ntgatgggat tggccttccc ctgggctaata 660
aactatcagg gtggattttg gaaccacccc tcatgggtaa aggatctggg gattggcnca 720
aganttttgn taccagcaca aaagangccc cantccttnt tggcaatctt gggcccatna 780
gatcttnnca gtingatntgt nccct 805

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<210> 4618

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4618

ccntttcnaa	tncnagttat	cgcnttttttg	caggatccca	tcgattcgtg	ttgctgcatt	60
ctaagcttaa	cctcctgggc	tcatggcagt	gacttgagct	tttgattcat	agaagaaagc	120
cagaggttct	gcttgttctt	gtctgccagc	cctcgtcgtt	ctttctctc	tgccctctcac	180
ctctacccca	aatacctctg	ttcttagtct	caaggggaga	ataacatcag	ggagcccctc	240
atcttcccca	gaaggacttc	tcgttctctca	tgtagttaac	tccattgatt	ttcctatctt	300
ggtgctgata	gctctctaag	ggtagggcac	acctnccac	agccaccctc	ctcttcagag	360
agccccagc	cagcagcagg	ccccctctgcc	tgcaactctc	aggcttgccc	ctcgtctgct	420
cagtgaggca	ctagtgccac	tgccgtggcc	caccgggcca	tagctcaagc	tgagcagaa	480
atgcctctca	gtggccaaca	tgatgaaacc	cctgtctcta	ctaaaaatac	aaaaattagc	540
tgggcatggt	ggcgggtgcc	tgtaattnca	gctactcang	aggctgaagc	aggagaacca	600
cttgaaccca	ggangcggan	gttgcantga	gcccagactt	gtgctattgc	acttgcaccg	660
gggtgacaag	anggaaattt	gtctcaaaaa	aaaaaaaaaa	aaaaactnga	nncctntaga	720
actntagtga	gtcggattta	cgatanatcca	gacttgatta	gatncattgt	ta	772

<210> 4619

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (612)

<223> n = A,T,C or G

<400> 4619

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cngetgngna	nagctancnn	gntnttttnan	acagccnagc	angcnnngtn	120
gnatcaccaa	nentgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgnctgc	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aaatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggnag	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggt	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnctngtctt	cattgcnaaa	540
angaantca	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttacn	at					612

<210> 4620

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4620

annttacnaa	ancnngngga	cntnctcttt	ctgcaggatc	ccatcgattc	gggggcacag	60
gccgagctgg	aaggagaatt	tggcaaaaag	gctnatggct	tgctggggat	gttcctgaaa	120
cgcctcttgt	ctcagcttat	cctgctgcaa	gcatggactt	cccacctctg	gaaaatgttt	180
tatgatgctc	ggaagccccg	gagtcagatt	aagaatgaga	tcaacattga	caccctggcc	240
agagatgaat	tcaacctcca	gaagatgatg	gtgatggtaa	cagcctcagg	caagcttttt	300

ggcattgaga	gcagctctgg	caccatcctg	tggaacacgt	atctacccaa	tgtcaagcca	360
gactcctcct	ttaaaactgat	ggtccagaga	actactgctc	atttccccca	tccccacag	420
tgctcagcta	agaactgtag	ggaagatgga	tgaccttcac	gcagaactcc	ttttgggata	480
tacatgatgc	agaaaggatc	ctacatggag	agagacagaa	ctctctcagc	tgacactctc	540
agagattcct	gatgggcttt	ctcttgaagt	ccaaggcgctc	tgcatgtgtt	ccttttcttt	600
tgcccatnca	tgaatgggtc	tggtttggnt	ttgggttttt	ttaataagga	atttcccggc	660
tggatttttg	tgaaggcctg	ttttaaatgt	gactttactt	tgcccttttt	gggggtttctc	720
aanttttatc	ctanaaacct	ttctgacttt	tttccatcnc			760

<210> 4621

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (612)

<223> n = A,T,C or G

<400> 4621

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cnctgngna	nagctancnn	gntntttnan	acagccnagc	angcnnngtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgnctgc	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aaatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggna	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggt	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgmnng	nnctngtctt	cattgcnaaa	540
angaantca	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttacn	at					612

<210> 4622

<211> 1526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1526)

<223> n = A,T,C or G

<400> 4622

aggntcttgc	ttgncccatn	gcgaacgctg	gaaaccctcg	nncaanagcg	cgngaaaccn	60
cnnggntaaa	tgcccacggn	nannncacgc	nannncccn	ttttcncacg	cnacccacna	120
ggngcngan	nagggncntn	anangnacac	nnatcngaac	cantctntna	aagggncgnc	180
naaantnnnc	tanngtncgg	cntnacgagn	gggaactgna	acccccgngn	nngtctacnag	240
nnacacnaga	aaacancnct	ngggtnaata	caacagccaa	cnngcanncg	nntaannaat	300
tcnncancan	aggagagaga	cnnagnancg	cncacacant	nnngncccaa	cantggnaaa	360
ccacnagcnc	ntaanananc	gacccangnc	anntnnctac	aaganagnng	cctcacngcn	420
nanncnmcac	ntcgtncgca	cccnatngga	accgcaantn	ncgaatcann	ncnnaggggg	480
ccgccannnc	nnacactcgt	ntnacgngag	cncgctcana	nacntacta	natnnngggc	540
gcctngngaa	caaaacaaca	ngcccanac	cgccntntag	nnncntnna	anagatancc	600
gacggganac	tctannacgc	ganangnacn	gtccaaccac	tctagagggg	aantgntngt	660
nntananaan	cnacaanggg	tnttcctntc	gcancacaan	gccaaaatcn	atntatgnac	720
ccatntncnc	tccacnggga	ncancangga	aagaccgagn	agcccaanga	cnananaacng	780

nngtancnt	naaacaacc	anannagaca	nnanggnagn	canaancccc	ccaggcaaan	840
cacnctantn	ngcanaaaac	nccccctaaa	tnancgcgaa	ccctttgncg	ncnanngnat	900
cggntngaca	gnnncanann	nnnnnnctn	nanactcaa	aggnancaa	gntnganacn	960
nngcaanaaa	ccagcacgcn	ggtgncnnaa	cactcngcg	taccennagc	gcanntatat	1020
caccaccccg	ggacangaag	gtcncgngng	natatannaa	tcnctnnncg	gcgacacgca	1080
nctctaaaagc	nnennagntn	taanangncn	natnntaana	nnangctctc	aaaccnntcc	1140
gcgnnannng	ncnctannac	taegcaacca	catcaagnnc	cgnnatgcn	atccanncgt	1200
tcacataaac	gggnggacca	cnnngngncn	cnanegant	ntgttnacgn	gnngcgagnn	1260
ntnnnccgan	nngacangac	nannngnaaa	nacgctaccc	tnggcnaang	cacacatgng	1320
tgnaaccgana	antctganta	tntnctnctn	tacacncant	aacnacncan	nagnntanng	1380
aggaaccca	antgaatnga	tannncnctn	cgnaacgngg	anncccnmnn	ganantnaan	1440
ntaagnacan	nnanagnntn	nangcgcgca	nnacctntac	naacnncaca	nnctngcnnt	1500
cnaaaaganc	nacgcncctn	tcnccg				1526

<210> 4623

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4623

ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctctn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnnecgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300
gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattcttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aatgggttnn	540
gccagataaa	tattttgata	ttagntttcn	tttttnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgntnnggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaaa	aantnttgn	tacttcttca	taaaagggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttgnttta	ccaagcc					797

<210> 4624

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4624

ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctctn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnnecgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300

gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnatcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattcctat	tttnnaactec	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatggttnn	540
gccagataaa	tatttttgata	ttagntttcn	tttttnnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgnntngggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cccttgngga	aaccttaaa	aantnttgn	tacttcttca	taaaagggtg	720
tnggatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttgntta	ccaagcc					797

<210> 4625

<211> 1133

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1133)

<223> n = A,T,C or G

<400> 4625

gctacnagcg	gngngaaaa	ntccnnccct	ttnaaagntc	cctgggttaa	aaaaaccccc	60
ctttttcccc	ttttttgggg	naaaaccncc	ccggtttttc	gcnnaaaaan	nggncccnng	120
ggggaaacnc	ccccaanctc	ggganangcg	caaaaaaata	ncntggnggn	accggnnngg	180
ggaagcncnc	cncacanncg	gagggcacca	nttttaccgn	gaatantggn	nnaggaanca	240
ngncncnntg	nttaccgggc	gaagcccgga	caangcnntn	tgggttnana	nnntggggng	300
gaaancngga	tccangggnc	cncnncg	cnaanggtag	ggannctnaa	acaannnaaa	360
ngtggngtcc	gntcnaanag	ngtnganccc	anaaaaaann	ncnnggtaag	nnntgcgnnc	420
atacanaaca	naacnnggaa	gcngatgaaa	taaannnctg	tcatananana	ngnncancnc	480
acctggnnna	cngggccggg	aacnncnana	gggnacanac	tcgnagaaaa	aanaannntg	540
ntngggncgg	ggccgtgcna	gccacnccaa	aacaananga	annnggatnt	gatnnggnna	600
agaanaaana	ttncnaaaan	caaannnnana	atgngnaata	tggggggggg	aaggganann	660
cgggganngg	ggggggatcc	nnatcctctg	ttaaaaangg	agngngggna	nggggggancg	720
aaaaccnngg	naagganccc	annatgtgga	anncaggttn	tagnaaccaa	aaaaancggg	780
nnatctgnag	gngncaanan	nancnttant	cannccnnga	nngccntatn	ggngcaaggt	840
ggagaaatcn	cnggntaaan	agggnncccn	ggtgggnagt	ggtgaaaaaa	ancccgangn	900
aaangacnnc	aantngggcc	ccnnaggggn	angaanangg	gggaangnta	aaaagtggaa	960
accccaaaa	nngngaaaag	aaggtaat	tttgnnnaga	accntttaan	cngagggccc	1020
tccaaaaaaa	aaatactccg	caaatnancn	gaanacntna	ctagggggccc	annnaganan	1080
aactnntcgn	gctananana	gtgacatccn	ataaaaacgg	tntgaacncc	ncg	1133

<210> 4626

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 4626

agggnnnnnn	nnnnnnagg	tnnnnnnnnn	nnnttttttg	gaaaaagncc	ccccnttttt	60
ttggggaaaa	acccccctt	tttgggggaa	aatttgggcn	cccncccccn	ttttggtttt	120
taaggggnnc	ccaaaaann	nnccccctt	nngggggggn	nnaaaanann	nnnnnnncng	180
ggnnnnnnnn	nnnnnnnnnc	naaaagngnn	nnnnnnnanc	nnnttgggnn	nnnnngnnnn	240

```

nnnnntttttt ttgnnnnnnn ccccnannna nnnnnnngnn nnnngnncnn ngggngnggg 300
gggncnnnnn nnnnnggggg ggggggnaaa nnnnggngnn anacnnnnng gggggggaan 360
nnnggnnnnn nnnannngg ncncnannn aancgnnnnn anancnnnn nganggnnnnc 420
ncnnannang nnnгнаacnn naccnnnnna cnnngnngng aannnnngnnn gnnancnnnn 480
nnnnnnncng acgccccgc gccgcnanga ananaggcgg ccaacgnaca ccaggaacgn 540
nggcgnnaaa gcagancagn cgaccnnacg nagngcngag agcncnagna angaacngag 600
naggganngn nacgnaccan nnngnaggcc cncgcnnnag agngcaagn naaacgnncg 660
ggagancaaa angacacnaa acngncannc gaancaaccg aannangggg nccagccnag 720
acacgangca cacngnaann gagnangnnn acagacgaan nggganacgn nannancaca 780
gnaannngcn naaggccncc gganacaang ggacgnnacn gccngngcc ncaaaggccn 840
gaagaaannn nngcgagaca nncngcngn gncnnngnan aagaggngaga cangggngcga 900
nnnnangggg aaggacaanc aancnaagga gcgcnngnan cacnnnccan nggannagca 960
ncngacaana annnanaacc gnaacgncc ngaaaagagn annnnagaaa aanngaangc 1020
aaacngaacc ggcaacncc nnnnnncgac ngcagacaga nnagggnncg gncnnaacnn 1080
ngaggggnnn ncgaganaca ncggngaang cngnagnaac cgagnaaang ncnannngac 1140
nannngnca ncacncncgn gannggcgn nanaacgcn gncncaaaa ncgcc 1195

```

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 4627

```

cttttctaata gcttgggntn gctctttttg caggatccct cgattcgaat acagccctnn 60
cgntgncgct ggntctgatg gctgggntnt tganncgagn ctctngtgna ngtnacacn 120
cnctcacncg acatatggga cattacacac aactcctgc tcaaatgctg taccatnat 180
gngtggaant tctgnaggcc tnagctctgg ccctanggc ggannnnngcn actactttnc 240
atnaccncga caccaagggtg gctatggcct ttcnacttn aactacaacg ttggngnggg 300
canannatcn tnattnanna ncaaagctta ncangatagg agagccnnat aannagctgg 360
gaacntactg mnnacanccn atctgagaac tcatgaggca catggtggag ncctatntgc 420
tcgaagaaac tgtgttaaca tgnactcatg tgcnnngcctn aactcntng ctgttncntg 480
cnnatngtat acatgtatga cacttctgtc tgtgnaaagt ggaagcattt ctcatcngg 540
ncctatgtct aatnagttnt gacccngnc tgtagtngct aantgnaaca ggnttgatcc 600
ttacnttgaa taactgtcac atnnttaatg agctggagaa aagtagtcca anccctagcc 660
cttctnggga aagtttgccc aacngtntgg gagtncaaaa ttnccttttna ggtnaaggcc 720
cctttntnn 729

```

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (911)

<223> n = A,T,C or G

<400> 4628

```

tantangann nntnnnnnnn nnngtnnnnn atcanatnnn nntnnttna nngntcnttn 60
tntnggggnt naananangc gnnagtnnnn gattttgaaa acnttataa gccttnangc 120
nategngttt ntncagggnc ccntcgantn gnnatcgga cgagccggan tacgccntgt 180

```

ttgggggttat	gtgggtcggg	gtggccgggtg	nttcngcctt	cnggggcctt	gcngagactn	240
acccctanan	cgctcgctgcc	cccagctcan	ctcttactgc	gggcccgnrc	cnacggggga	300
ccatnctgtc	agggactatg	cggcccaaac	atctccttcg	ccaaaagcan	gcgccgnnac	360
cgggcgcatc	gnggcggnca	ttggcgcant	ggtggacgtn	cannttgatg	agggactacc	420
accaattcta	aatgccctgg	aagtgcagg	cagggagacc	agactgnntt	tggaggtggc	480
ccancattnt	gggggtgnang	gaaannccna	cccaaaatgn	ntnccaggac	tattgctatg	540
gatggnacan	aaggcttggt	taagaagccc	aaaaaaagta	ctgggatnct	tgggtgcacca	600
aatcaaaaat	tcccttggtt	ggtcncctga	gaactttngg	gcanaaaatc	antgaantgt	660
caatttgggn	gaaaccctan	ttggattgaa	angaaggtcc	cnatcnaaaa	anccaaaacc	720
aaattttgcc	tccccnnttc	attgctggng	gggccttccc	aagnaatttt	tnaattnggg	780
aaaaattgga	aggnggtttg	gaanccnaag	ggaaaaattt	ttttgggtgg	naacttgggg	840
tannttcnaa	aggggttttg	gtccgaaatc	cttggcntta	ncctttcccn	ttnttgcccc	900
aaangggggn	g					911

<210> 4629

<211> 944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (944)

<223> n = A,T,C or G

<400> 4629

aaaanncann	tacnnnnnna	annnanatnn	tancnaaaan	ntnattaann	mntnccgganc	60
ncnncnnncn	cngttgattc	caancttaat	cacntnngan	tengatatcc	ngagccntcg	120
atgcnnncnt	naaacnatnc	gnangggnga	nnccaaccnn	gggtctccna	angaacngcc	180
cnccggantg	accntgnacc	ctancaaagc	aacnngnccc	ancnttttga	aagggttcta	240
gggcangcga	aaaccnaata	agncccttn	aaaaccnaca	ngaaactngg	ccngatccct	300
naannncccc	caagnntgct	nnccaccntn	ggnnntnttg	cctngnangc	tnctgnaacc	360
ccctgnaaca	tnaaggangc	naccaggnaa	aacacaanga	cattccnccn	ttaacntngg	420
aagnaaaagc	cnnanntcta	aatacanncc	caaccagacc	cannnttggn	ggggtntggg	480
gaaanacctn	ngnggggggg	gnagnaggng	gnntaattaa	ngntaanatt	antnnccaaa	540
ggntccccaa	aggccttgnt	ttnnncccc	tttnnncaaa	aacaaaangaa	ccntttttnc	600
nanggnctgn	nntannnaaa	aatnggggnc	cccccaaaaa	aaaattncnn	tgntanggaa	660
ncaacntag	gcctggncat	nncccnttaa	tcgggggccc	tggaaaaaaa	ttntaaaata	720
taaaaaattn	cccgggggna	ttngnaaaacn	cnntgccngg	nnaatttggg	aangnnnggg	780
gtttctngtt	naaaantngg	tngnattnga	ccccanaaat	nttttttttna	ttatncaaaa	840
nnnngtttaa	ttcccnccna	ttcttaaaaa	nttatcgggg	aancaaaaaan	natnggnnaa	900
aaaaacccca	nacaaanttn	ggggaaaacc	ccnnttanaa	aant		944

<210> 4630

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (937)

<223> n = A,T,C or G

<400> 4630

gttctaattgc	ttggaattna	atcggttgga	agagctagng	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaannttng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataa	anttaantna	agatanatg	cnantaacnn	180

```

agatagaaan aannatgggg gagtntntga tnnnnagnaa ntataacntn ataagntntt 240
attnncttac nanggtaaaa gattttntga aatggatnac tnnntnagtt tnnattntaa 300
tatgggttnna gaancacttt tttnatgann catngaagat tnnnatann cantatattt 360
tntaannnag ancttanngc atntatggcn atttnatttg tgcttttann taagttttct 420
tggatgnaag ntatatnatt nannatttta tggtanntga ataganantn gtangtaatt 480
ttgatgtant aatagtngnt taatganaan tttttnttaa nannnttant tnggntnatt 540
natntgnaan tttntnggng ntaaataatt ncnatttntt gaaantntnc ntttaataat 600
tngtatatta accntngaac aagataatat aattgnaaac agntnttatt naatattnta 660
naatantntt gaatanngt anatngggan ataattattg gggtnnatng tanttgtttt 720
cnacgtaana ttttaattng tnaaatntgt attnnnaaan ncttgnntgt aantnattaa 780
ngaccgccta natttaaagt tnnntagtna ataaattngg ntttggnnaa naaaatattn 840
tatatttata ananatnnna nnaattnann tctttaataa atttanangn ntntnatata 900
tntaatnata ttanttataa nttttgtata nnagnaa 937

```

<210> 4631

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (937)

<223> n = A,T,C or G

<400> 4631

```

gttctaattgc ttggaattna atcggttgaa agagctagng attttngaaa tcggtcataa 60
gtagatgttg tggannggaa nnaanntng gatactgatt ttntaagngt ngttgtgnat 120
tggtcaggaa ttgttnanna ngnanataa anttaantna agatancatg cnantaacnn 180
agatagaaan aannatgggg gagtntntga tnnnnagnaa ntataacntn ataagntntt 240
attnncttac nanggtaaaa gattttntga aatggatnac tnnntnagtt tnnattntaa 300
tatgggttnna gaancacttt tttnatgann catngaagat tnnnatann cantatattt 360
tntaannnag ancttanngc atntatggcn atttnatttg tgcttttann taagttttct 420
tggatgnaag ntatatnatt nannatttta tggtanntga ataganantn gtangtaatt 480
ttgatgtant aatagtngnt taatganaan tttttnttaa nannnttant tnggntnatt 540
natntgnaan tttntnggng ntaaataatt ncnatttntt gaaantntnc ntttaataat 600
tngtatatta accntngaac aagataatat aattgnaaac agntnttatt naatattnta 660
naatantntt gaatanngt anatngggan ataattattg gggtnnatng tanttgtttt 720
cnacgtaana ttttaattng tnaaatntgt attnnnaaan ncttgnntgt aantnattaa 780
ngaccgccta natttaaagt tnnntagtna ataaattngg ntttggnnaa naaaatattn 840
tatatttata ananatnnna nnaattnann tctttaataa atttanangn ntntnatata 900
tntaatnata ttanttataa nttttgtata nnagnaa 937

```

<210> 4632

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 4632

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tttngnaaaa annnnncnag aggggttttg ccnaaaaaat nggcccnttt ggggggaaan 60
tttgcaaaaa atccccnttt ttggggnaaa aaggngggcc nnnannnnnn anngnattnn 120
gangangnna nnaaatnnnn nnnnnngggg ngggngnnan nannntnang ngngaangag 180

```

ggggnaaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannnn	nnnnnnngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggnggggnn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cgnnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaanacta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnannnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanactat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nmanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4633

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4633

tttngnaaaaa	annnnncnag	aggggtttttg	ccnaaaaaaat	nggcccntttt	gggggaaaaan	60
tttgcaaaaa	atccccnttt	ttggggnaaaa	aaggngggcc	nnnnnnnnnn	anngnatttn	120
gangangna	nnaaatnnnn	nnnnnnnggg	ngggngnnan	nannntnang	ngngaangag	180
ggggnaaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannnn	nnnnnnngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggnggggnn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cgnnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaanacta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnannnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanactat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nmanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4634

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 4634

acttagangg	ntgaagtga	anncccttct	gcaggaagcc	catcgattcg	aattcggcac	60
gagagcagac	gttgaaggca	ttcagtataa	antttttcga	acatttcacc	atggagtcag	120
ggttgatggc	atagcttgga	gcccagagac	tagacttgat	tcattgcctc	cagtaatcaa	180
atthttgtact	tcagctgctg	atatgaaaat	tagattatth	acttcagatc	ttcaggataa	240
aaatgaatat	aaggttttag	agggccatac	cgattttcatt	aatggtttgg	tgthttgatcc	300
caaagaaggc	caagaaattg	caagtgtgag	tgacgatcac	acctgcagga	tttggaactt	360
ggaaggagtg	caaacagctc	atthttgttct	tcattctcct	ggcatgagtg	tgthgtggca	420
tcctgaggag	actthttaagc	taatggttgc	agagaagaat	ggaacaatcc	ggthtttatga	480
tcthtttgcc	caacangcta	thttatctct	tgaatcagaa	caagtgccat	taatgtcagc	540
acactggtgc	thaaaaaaca	ccttcaaagt	tggaccctg	ccggaatga	ttgggttaatt	600
tggggatatt	actcnggcc	agthattcct	caaaataaga	gacccttca	catggatccg	660
agcctgctta	attcangggg	gnccacaatt	taggggaaaa	tctggttnca	accactggg	720
ttatnctgg	ccaaaatggg	ccaagnccag	thttnat			756

<210> 4635
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 4635

gnnnannnnn	cnngnnthtt	naanncttn	thtcaaattgc	ttggctactc	gttctthttg	60
caggatccca	tcgattcgcc	aatggatgca	gganaactga	gatgggattn	ccncacgttg	120
cccaggctgg	tctcctgagc	tcaaagcaat	ccanattgct	gggattacag	ctgngagcca	180
ccgtgcctgg	ctgagatgac	thttaaaaan	ggactnctct	aaagtagaag	gaaggggtgga	240
attgtatgca	caagaagaaa	aaaacctgna	agaaaaacat	actaaagagg	ctggagtgca	300
atggngcgat	cttggctcac	cgnaacctnc	gcctnccggg	ntcaagtgat	tctnctgcct	360
nancctccca	ggtagctggg	attacaagca	tgggccacca	cgctggcta	attatgtatt	420
thtagtanag	acggagthtt	tccatgttgg	tnaggctggt	ctcgaactac	ccgacctcag	480
gtgatccacc	cacctnggnc	tcccacagt	ctgggattac	aagcatgagc	caccgtccc	540
gnctcctgt	nncagnthct	ataatntgtt	cntattatat	tctgggtata	tgtnngnngt	600
gtgattatth	atgtgganct	attntcacat	tctthtgnatt	aactatnatn	gtcctthaat	660
ggtntaaana	naaagthttca	thctacaaa	agnnggttht	ggtccaaata	accncgggtt	720
thcaaggthta	accaatcntt	gaaaaaaaaa	accttnantt	cnattntaaa	aaatnaacca	780
thttaaaant	tngccnantn	ccantthtaa	acattaaaaan			820

<210> 4636
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (778)
 <223> n = A,T,C or G

<400> 4636

ttctaattgct	tggnttnaaa	ccctttttaa	ncccttgca	ttgctctttn	tgcaggatcc	60
catcgattcg	gagaggagca	gggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	120
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	180
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccocatta	240
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	300
acccagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgttg	ggggaaacat	360
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactattt	atgtgatatt	gccgtatcaa	420
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	480
ccaaaagaaa	gtctaattat	atacagaaga	taaagctaaa	cgtaattatt	atttaaataga	540
aagctatttt	tttaaataga	ttgaaatttt	tcatgatgct	actaatttgc	cactaaatac	600
tgcaaatggg	caccctgnat	ctcttctgac	attgggatgt	tatttgctta	tattcttata	660
attttnaaat	gaaggcacag	tngaaatgga	aaattttatn	ctcnatgggt	cctgggttatt	720
tttaaatacct	taaccancaa	aattttggcc	ttaantttct	ttttatatat	accncnnc	778

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4637

ttnaaaatcg	cttggcnact	cgctctttct	gtnggatccc	atcgattcga	attcggcacg	60
agccaaaatg	gggtggggcg	cagtggctca	cgctgtaat	cccagcactt	tgggaggccg	120
agggtgggcg	atcacgaggt	agggagatca	agaccatcct	ggctaacacg	gtgaaaccn	180
gggtcttact	aaaaatacaa	aaaaaaaaca	aaaaaaacta	gccaggcatg	gtggcaggca	240
cctgtagtcc	cagctactcg	ggaggcagag	gcaggagaat	ggcgtgaacc	tgggagggtg	300
agcttgcatg	gagccaagat	cgtgccactg	cactccagcc	tgggtgacag	agtgagactc	360
cgtctcaaaa	aaaaaaagaa	aataggcaca	ataagtaata	catttctgcc	caagtaagag	420
ccttcccttt	tgtggatgta	atgaaaatat	cttcaagcac	tttataaata	aattatatgt	480
ctgatactag	ccttccattg	cctggatcac	atctgattgt	cctggtaatt	tgagaaaagg	540
gtagccctt	ggtagtgata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgggtgctgta	aaatggcatg	gatttaagaa	gagaattggc	660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttggga	ggccaaagtn	aggctgcttt	720
gaccagaat	ttcagaccaa	cctggccaan				750

<210> 4638

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (827)

<223> n = A,T,C or G

<400> 4638

ttnnnnnnnn	tnttcaaate	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcggaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	120
attccagaga	aaatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtggg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360

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cggaagaagc gccagaagtt aaaagagaag aaattactgg caaagaagat gaaacttgaa      420
cagaagaaac aagaaggacc cggtcagccc aaggagcagg ggtccagcag ctctgcggag      480
gcatctggaa cagaggagga ngaggaagtg ccagtttca ccatggggcg atgacaatgt      540
ttgccacagc cttntgcctg gaacctggct cgtgcttggt accagaaggg aaaaggcngc      600
tgttttggct ctttcttccc cgcaanggac cccgnttgac cccgccttgg attggaagaa      660
gccaaaaggg agaaccacct ttcccggaac cgggtttaac aagntccctt ggtntttttg      720
ggcannngnt tttngggaaa cccttgaang gggccctttt ttcccttggc aacnttaaaa      780
angncacctt gncnttgggn annaacancc attccggngc ttctntcc      827

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<210> 4639

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (827)

<223> n = A,T,C or G

<400> 4639

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ttnnnnnnnn tnttcaaata ctttgctact tgttcttttt gcaggatccc atcgattcgg      60
gcggaggagc agaagctcaa gctggagcgg ctcatgaaga acccgacaa agcagttcca      120
attccagaga aaatgagtga atgggcacct cgacctcccc cagaatttgt ccgagatgtc      180
atgggttcaa ntgctggggc cggcagtggg gagttccacg tgtacagaca tctgcgcggg      240
agagaatata agcgacagga ctacatggat gccatggctg agaagcaaaa attggatgca      300
gagtttcaga aaagactgga aaagaataaa attgctgcag aggagcagac cgcaaagcgc      360
cggaagaagc gccagaagtt aaaagagaag aaattactgg caaagaagat gaaacttgaa      420
cagaagaaac aagaaggacc cggtcagccc aaggagcagg ggtccagcag ctctgcggag      480
gcatctggaa cagaggagga ngaggaagtg ccagtttca ccatggggcg atgacaatgt      540
ttgccacagc cttntgcctg gaacctggct cgtgcttggt accagaaggg aaaaggcngc      600
tgttttggct ctttcttccc cgcaanggac cccgnttgac cccgccttgg attggaagaa      660
gccaaaaggg agaaccacct ttcccggaac cgggtttaac aagntccctt ggtntttttg      720
ggcannngnt tttngggaaa cccttgaang gggccctttt ttcccttggc aacnttaaaa      780
angncacctt gncnttgggn annaacancc attccggngc ttctntcc      827

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<210> 4640

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4640

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aacactgagt ccctatttga tgtaaataa tgaccgttaa acttctgggt aagataatga      120
atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa      180
aacnctctgc agtgtctggg attcgctcag tgctgcaggg gagggcaggt gtgaggggaa      240
tggccctgga ggggtgatggg gctggggcat ccgatgcagc tttatagtct tgtaattacc      300
acttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacggt gaggtaggca      360
ggataatggc ccccaagatg cccgtgttgt gacccccaga ccttgtgagt gcctcacatg      420
gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg      480
agagcctttc ctgctgagtc tgagagatgc canaagcagg agaggtaga acccgangag      540
ggcccgcaac tgcgctgctg gccttagagg aaggcccgan gantgtgggt gcccctaagc      600

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agcttnggac	tggggacctt	cgccccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc	660
cccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc	720
ttcacaaatt	gtnaagcctg	agggttttgn	gtangnacc	atnaaaaaan		769

<210> 4641
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4641						
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aacactgagt	ccctatttga	tgttaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggtttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attcgctcag	tgctgcaggg	gagggcaggt	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
actttttaa	cttttattac	gaaaaatgtc	aaggaccctg	gaattacggt	gaggtaggca	360
ggataatggc	ccccaaagatg	cccggtgtgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatgggccc	ttaaagcttg	480
agagcctttc	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag	540
ggccgcaccc	tgcgctgctg	gccttagagg	aaggcccgan	gantgtggtg	gcccctaagc	600
agcttnggac	tggggacctt	cgccccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc	660
cccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc	720
ttcacaaatt	gtnaagcctg	agggttttgn	gtangnacc	atnaaaaaan		769

<210> 4642
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4642						
ttatttgaac	cctnccccnt	tcaaactcct	tgttcttttt	gcaggatccc	atcgattcnc	60
ttttccatga	ctccaggctg	tgccctctct	catgtttggg	cccttctgtg	cccatgggtca	120
ggagctatcc	gggtggcacc	tngetggcca	ggctctcccg	agtcgtggca	cctccacaat	180
gtgaattttc	tgaatcccta	ttccaggatt	nctgggaata	atgtttactt	ctanaatggn	240
cctgntgtaa	accatctcat	cnagggtgtg	taaagccatt	gnatgatgag	gggactgccca	300
tggaaaggag	agttttgttac	ttacggttct	gagaggaggg	gccacatagg	aaagccccac	360
ggtgggtcac	aaagcggaag	gagggagggg	aacgtgtggg	cttgnTTTTT	ctngcacatc	420
tctgaagagt	tnttaatctt	cactcatcat	gtgccaagaa	gtgncatcat	aaaangaaat	480
atnttttttt	cctaggagca	gngttaaaat	ctgggtcaca	ttcctgacca	aggacagcat	540
cctgccttnt	gcccatncnc	ttcagttcac	aaaagctgac	attttaaaca	aatcatgact	600
cacacgtntt	aattgggtat	aaaaaatggt	gnggtacacc	tggttagata	aaaacttaan	660
ggccacaang	gangggcccc	aagggtanncg	atgtcaagtg	tgtnaaaggg	gcctggattg	720
ggccntggnn	aanggatttt	tgggcaaaac	ccaaaanttt	ttngngcccc	nn	772

<210> 4643
 <211> 710

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4643

nnaacngaac	cttgcanttt	gacttccttt	acgcatncgc	angatcccat	cgattcccag	60
anatgcncac	cagccctgca	cggagggttt	ttcttgaacc	tggtcatgg	atanagaanc	120
ncacgagggc	ataactgect	gtccgngaaa	anccaagcta	nccnaccttg	gtcnnctttg	180
ntgtgnnncn	nnntntgcna	agntgggtgaa	aaagaaagag	atccngacca	nagaacttct	240
nnanggatgg	acntgctnac	tggggaatgn	gncgccncn	ntacttgcac	antanattcg	300
aaanngtgna	ggntacacga	cattntgacc	cgctcaaatt	gcagggctcc	tnacgcnacg	360
cttctntagc	tttctacgtt	tcntntcnc	cacngtngac	gcntttcccc	gggaagntct	420
aaataaatgn	gctcctnta	nnntnecgat	tcnatcgcta	tacagncncc	tgaanaccng	480
aaaaaatttg	cnggnntgtg	gtgcacgtaa	anggccnctn	ncngggaaca	gttattgacc	540
tntnecatgg	aaancanggn	tttaaactgg	ntcnnngngg	aacntgaaca	nactaacctt	600
cnagtcnatn	ttttttgggt	acggaanntn	taantgggct	nncttnanaa	tctctgatan	660
natggtagnn	gactncacga	ttaanctaca	atcnttcttt	tngggggaat		710

<210> 4644
 <211> 1315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1315)
 <223> n = A,T,C or G

<400> 4644

angngnnnt	ttttttnnnn	tttttttnnn	ccccenttnn	tctacnnnnc	gtgggaaaaa	60
aaaatcccn	cntttttttg	ggggaaaaaa	aaantcccc	cccccnnt	nnccggnncn	120
nnttttttt	tgggggggnn	ngtnnaaaaa	nngnnnnnnn	nccccnnnn	nnnnnnnnnn	180
nnnnnntgn	nnnnancngn	nnagnnnnnn	nnnttttnnn	nnnnnnnnnn	tnnnncnnnn	240
nnnannntt	ttgnngngn	nnnnnnngg	ggggntttt	ttttttttg	ggnnanggnn	300
nnnnnnnnn	annnnnnnnn	nnnnnnngg	nnnnnnnnnn	nnnnngnnnn	nnnggggggg	360
gnnnnnnnng	tttttttnnn	nnnaanngnn	nnngnnnnnn	ngnggggnnn	nnngnnnnnn	420
nannnnancn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	nnanannnnn	nnnnnnnnnn	480
nnngcngggg	gggggggggg	ncnangcngt	naggggancc	acgagnngga	ggngtggggc	540
cannatgtcc	ttngancgcy	tctgcnagna	acnctncgag	gatgancnan	agnnccannn	600
anggnncngg	ccagnntagc	ncagnnttct	nannnctaan	tgngcggatc	anggggnntn	660
tnctaatag	ngtgngggct	aanannatgn	atggngnnac	tgatggngaa	acanntctna	720
ncgtantncc	angtagtgaa	tgctggntta	ntnnntttag	nggntnanta	gcannngcgg	780
nnaacnnann	gtggnctcnt	nannnnantt	gnnannngnn	gggnttcnnc	ntnngnagan	840
ngntntnagg	ngncnnnncg	ntaaagtcen	nnannangtg	tntaanctnn	ctnaancggg	900
tatannnnnn	ntnnnnnggg	tnnnngnnnt	cnnnannngn	nngnnannnt	gnnnnnagtn	960
tgngnntacg	annangtnna	nnancangnn	annnattgt	nnnnngnnnn	annnnnnntn	1020
tctgaactcg	tacnnngana	ncnnnggttn	nngcctcaca	nngtatngta	ngctgnnagn	1080
gnantatann	ntaagnantn	ttcntnnncg	antntntnnc	gtnaacgacg	atntnngtan	1140
ncncgnntaa	nngcntaann	gcanatangt	natagngaga	ttcctnagtn	gaccnagggn	1200
atgatatnaa	ngntcangna	nnnannntnn	nctntngact	anangagann	atgananatg	1260
gntnnctngt	gnnnagnatn	tgatntctcg	ntgctcncna	gnaggntaac	acacc	1315

<210> 4645
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (791)
 <223> n = A,T,C or G

<400> 4645
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 tttgtcttac ttcctacccc ttccctgttc tgctctctta actcagttaa gttgttctgt 180
 ttgggacctg gaaaagaacc caaagaaaac ctgaccggac aggttcattt ctggaatgca 240
 gaaaacattt taaaggctag attttttagaa tattctcaac tagcattctt tccattgatt 300
 tgaaggggaa attaactatt ataatctctt gaatccaaaa ctggatatta agaactttcc 360
 cccttactaa gtttaagact tttgtcatgt ggtgagtcaa ataagaccat tttgattgta 420
 aaccataaaa tagttcagca agtagccac agttctggcc taacagcaga cttgctgnnt 480
 tcacttggtg tcctggagtt gggttgctaa ccttaatttc tatgatgttt tctaaaatga 540
 aacttgataa agtagaccac cagctgcacc cgtgttttct gnaaaagtat tggtagtaag 600
 tggccaagag acttgaggaa aataccagat tttttggnta ccttggncct ggtttaagtc 660
 ttaaaaaatt aaagataaca ttataatgna gaatcanatg gggcatannc cttggaaagc 720
 ctnccttgaa aaaggnntta aatatttang aagcctttaa aagacactta aatggaccct 780
 naaagacanc n 791

<210> 4646
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (791)
 <223> n = A,T,C or G

<400> 4646
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 tttgtcttac ttcctacccc ttccctgttc tgctctctta actcagttaa gttgttctgt 180
 ttgggacctg gaaaagaacc caaagaaaac ctgaccggac aggttcattt ctggaatgca 240
 gaaaacattt taaaggctag attttttagaa tattctcaac tagcattctt tccattgatt 300
 tgaaggggaa attaactatt ataatctctt gaatccaaaa ctggatatta agaactttcc 360
 cccttactaa gtttaagact tttgtcatgt ggtgagtcaa ataagaccat tttgattgta 420
 aaccataaaa tagttcagca agtagccac agttctggcc taacagcaga cttgctgnnt 480
 tcacttggtg tcctggagtt gggttgctaa ccttaatttc tatgatgttt tctaaaatga 540
 aacttgataa agtagaccac cagctgcacc cgtgttttct gnaaaagtat tggtagtaag 600
 tggccaagag acttgaggaa aataccagat tttttggnta ccttggncct ggtttaagtc 660
 ttaaaaaatt aaagataaca ttataatgna gaatcanatg gggcatannc cttggaaagc 720
 ctnccttgaa aaaggnntta aatatttang aagcctttaa aagacactta aatggaccct 780
 naaagacanc n 791

<210> 4647
 <211> 1427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1427)
 <223> n = A,T,C or G

<400> 4647

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aaccgcggaa	ggcccttccg	gaaaatttnc	cggccccctt	taattaaggt	gggaagnttn	180
tntttatttt	aacaaaattt	ncaacttggg	gccccgtccg	gtttttttta	caaaacggtt	240
ccggttggaa	cttgggggga	aaaaaaaaacc	cccttggggc	ggtttacccc	ccaaaacttt	300
aaatcgggcc	tttggcaagc	caacaatccc	ccctttttcg	gccaagcnt	tgggcggtta	360
ataagccgaa	aagaanggnc	ccggcaaccg	gaatccggcc	ctttcccaaa	caagtttggc	420
gccaccctt	gaaatnggcg	gaaatnggaa	cgcgcggccc	ttgtaagccg	ggcgccaatt	480
naancgcgcc	ggcgggggtg	gttgggtngg	gttaacgcgg	ccaagccggt	nggaanccgg	540
ctttacaact	ttggnccaag	ccggccccct	taaaccggnc	ccggctttcc	ttttttcggc	600
nnttttcttt	ttcccccttt	cccttttttt	tttcggnccc	caacggnttt	tcgggccccn	660
gggcnttttt	ttcccccccc	gggttccaaa	aaaangggnc	ccnttttttn	nnttttttna	720
aaaaaaaaaa	aaaaaaaaaa	aanatcnggg	ggggggccct	tncccccttt	ttttaagggg	780
gggttttccc	ccgnaaattt	tnaaaatngg	gccntttttt	taaaccgggg	ggaaaacccc	840
nntttnggga	aaancccccc	cccnaaaaaa	aaaaaaaaacc	tttttgggaa	anttttaaaag	900
gggggggttn	ggnaaaatng	gggggttttt	cnaaacccgt	ttaaaanttn	ggggggggccc	960
caaantttng	ggccccccnt	ttggaaatta	aannaaaccn	ggggnttttt	tttttttccg	1020
gnccccccnt	ttttttggna	aacccttttt	tnggggaaaa	tttcccccaa	ccgggttttc	1080
cnttttttna	aaaaaaaaagg	gggggggaac	ctttnttttt	gggttttccc	cnaaaaaaac	1140
tttgggggaa	aaaanaaaaa	acaaantttt	taaaancccc	ccntttttnt	tttttttttg	1200
gggggggggc	cccnnaaaat	tttcccnttt	ttttttnggg	gaaaattttt	ttaaaaanaa	1260
aaaggggggg	ggaaaatttt	ttttttggnn	ccccgnaaaa	tnntttttcn	nggggggnccc	1320
cnttaatttt	nggggggntt	ttnaaaaaaa	aaaaaaaaatt	gggggggncc	ttggggnttt	1380
ttttttaaaa	cccnaaaaaa	aaaaaanttt	ttttnaaaac	ccgccccg		1427

<210> 4648
 <211> 1505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1505)
 <223> n = A,T,C or G

<400> 4648

tttttnccca	aaaaaaaaaaa	tttnggnccc	cccttttttt	ttttnaaaaa	aaaaaanntnn	60
ngnccccenn	tttttnaggn	nnnnnnnttt	tttttnnnaa	aaatnanncc	ccccnntnan	120
nntttttttt	cccttaaaaa	aanagnaacc	nntttngggg	caaaaaaaaa	cccntccnan	180
aaaatttnaa	tnccatacaa	ttaaatnnag	naanngnncn	nnaangnnnn	nnnaaanntnn	240
nnnnnnaaaa	tntannnang	nnnnancnna	naanngggnc	ngnaaanngg	ggacaccnng	300
nnnnnttggg	nnggnttnaa	atgnccnnnc	cnnnnaaggn	ggntngtncn	aaanmnttn	360
gnaannncac	attngnnnna	ncnanaaaan	gnnnnnntnn	acctnaacan	tgggganntnn	420
nnnnnnntnn	naanacnnca	tnananaaan	anganntgcn	caannnaann	aagnnnaaan	480
annnanatnn	acnnnaagca	cnaacnnncn	ncnanaaaaa	aaaccnngnn	acacntgnta	540
ccactcangg	ctngnacntt	tatgngnnca	atngatgnnn	annggncgca	ctacanntnn	600
nngnnccaag	gnccacagan	ccacnaatca	nacntngtaa	tntaatgcan	cnnngncngc	660
aatannnaga	ccacnttnnn	natgacanng	caaanacngn	cannntanca	annggaangt	720
agtnacagta	acatanganc	ctnaantaac	ctatagcngg	gatnccagaa	ctaaaatact	780
ntanctacat	gnaacnttat	naataagaan	annggatnaa	atannatagt	aatgngnttc	840

ttanatnata	tetcacaaac	ncgatcntag	aaataaataa	atcgtagnan	ttntttatatac	900
natanaanag	attcatatan	antnatatat	ctatataatc	antatataaa	caacatatag	960
nnntataaaa	anaaatacta	aaaantcaan	anntanatta	nactcnnaan	ngagggcaaa	1020
ataanncgna	gnanaatata	taagtnnnan	tcacatanat	nnanaaaaaan	atatacaata	1080
tanannaaaa	aananatang	aaaananaaa	anctaaatan	naacmnatan	atataaaaata	1140
tantcnnaaa	acaatatata	anatanaaat	cnanatntan	nganataaaag	atnaaanana	1200
tnntntaanc	ntncnnacac	ataatntaan	ntaatnnana	aaantnanc	tanngntgan	1260
aanactanaa	anactnaaan	nnnatcaaat	atanggnnaa	naatatanaa	tatataacna	1320
atgngaaaca	ttcaaanact	annanatnna	naaananatc	ttaataanaa	atatananan	1380
ataanaataa	taaganmna	aanactaaaa	cacctatntc	ttaaagtcact	anactatng	1440
nnanacanat	ctataatnna	annataaaaa	aatatgnmnt	nnnanaataa	tattntatcn	1500
annnc						1505

<210> 4649

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4649

ttantcatcn	ctcttggttg	antnccntac	aactacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	tgagccgagg	ttgcgccatt	gtactccagc	ctgggcaaca	120
agagcaaaac	tctgtttcaa	aaaaaaagaa	agaaagaaaa	ttacctggaa	ttcaatattg	180
ccatcggtcg	atttaattct	aatatgaana	aaggggcagt	gtgatgtgcc	atggagcatn	240
cacaacctgc	catttcaccc	accaacctta	gaaagccatt	gaaaagagtt	gtttttaatg	300
gtgtttttac	atccagcttc	ccacacctca	aatacttggg	gtggaattgt	taatctcaca	360
ttgcagtaca	atgaaaatag	tggaatggaa	atcaagttat	aaaatggagc	taaatatttc	420
ttctgcttgc	ctctgagttg	acaagatacc	ataagatact	gtacatgagg	ctgggcgccc	480
gtggctcacg	tcttatttct	tctgcttgcc	tctgagttga	caagatacca	taagatactg	540
tcatgaggct	gggtgcagtg	gtcaccgct	gtaatcccag	cactttggga	gggtgaggtg	600
ggcagatcac	ctgaggtcgg	gagttcaaaa	ccagcctgac	tgacatgnag	aaacccctc	660
ttttctaaaa	aatcaaaant	agcccaggcc	ttggtggtgc	atgcctataa	ttncagctac	720
tcnggaagct	tangcangga	aaaaaaaaaa	aaatttcn			759

<210> 4650

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 4650

ccnccnntt	tccccctnn	nnggtgggna	aaanaaccnn	cttttttgaa	aaaaaacccc	60
ccccctttt	tggnaaaaaa	cccccgttt	tacnanaaan	acnggncncg	agggggganc	120
cccccnccc	ngggnnnggn	gngangcnnn	nactngncna	cnccacggcn	naacacncaa	180
aaactnggnn	gnggattnta	ttgagnggna	aaagggacga	nggctgngca	nagnnagaga	240
aanngggcna	gccccgnaac	gacgganggg	naaaaatatg	gggggnnnaa	ngacaaaagg	300
aggccctgcg	cnaanccgaa	ccatnannan	nccccgtag	cccggcccna	ccnacgaacc	360
aannccaaac	agaancaana	tgnggcnggg	anaaacagnn	naggnaaaca	aggattcgag	420


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aggangaggg gggaacaagc antngtgggn gangtnanan aacangggga ttttcnaatg      480
agaanaatgc anggcngaang naticcgctg ggnatggagg gnacttgcnc cgccagatcg      540
cataaaacgc acgcaactgn gccacaaaca tacggangan tgngcaannc naaannngnn      600
gccccgantn acctgaggag gganctaang ctttgggaaa agaacaaaan acctnggacn      660
ggacaagggg gaaggatgaa cangaagacc cggaaacaag aggaagggga nncgccncta      720
aanntaaaca catccaaang cgnnaagggg aanccttngg ncnaannagag gaaacctgna      780
ccctnacntc caaacncnng ttttaagaaa gggggaaaac caaccnntga agcnantncc      840
ccccnnnggg ggnaaannaa cnacctgggc ccaaannntt tgaangaacn gananggnaa      900
acnaagggna atggggg                      917

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<210> 4651

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1282)

<223> n = A,T,C or G

<400> 4651

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agnnnnnnnn nattnnnnnn nnttttttga aaaaaccccc cttttgggna aaaaaanggc      60
ccccgagggg natttnnaat ttacccctt cntnnttgca aaaanccnnc ttttggggaa      120
aaaaaccccc cacancgncn nntttttgng gnnngnaaaaa aggnancccc nnnnnnangg      180
nanctannnn nnnnnncnnc nggcnnanng nnnnnngngn cnnngnnngn cnnnnnnaan      240
nnnnnnnggg gtttttttnn nncncnnnan cnannnnnnn nannnnnnnn ngnnnnngng      300
nncnagnncc ngggggggnn ncangnanaa nngggccnng nnnngnngnang naannngnna      360
gngccaanna cnannaagnn nannaangga ccnnnnnana nnnanangcc ncccccccc      420
canaacaagn acccatgacn nmnaatgacn aggccttagg naccanaaan ccaagccna      480
ngnananctg ncncaggcca ngaacaccag ccaaagaann gagcaccccn aaccacnagc      540
ncancnaggg aaancaggnn caaaggncaa aggnaactaa ccaaanaacc cccantaagg      600
gccaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaagggnngc cnangggcng      660
aaaaaagang cgnanaannc aaggggaccan aagagnaaan naangnccca antcncannn      720
aannananag ngcnccccca accannaaga tcnnaancn ggggnannaa acnngancaa      780
tcgnncnncn nncncnannc ggnacnaaan anaaaancgg ggngaccaag nccnaaangc      840
angannanaa aanagntaca ngntcgnnca tnaaaacnan ancacngaa aancacacn      900
caanncaanc ngnanannng gggagagnnc acnnaannga nanaaannac nacncaccac      960
anaaggngan cnacnggcn ggannnanac aananggcen aaaannngagn caccgcagna      1020
ancngcgana nngcgcnnc cnanaacgnc agncnnaaaa gaaaganacn aannacangc      1080
anngacncac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana      1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn      1200
cnanacanac ngcatnannc acaacnatac ngacanacng canntgaaaa atnnggaann      1260
nanagaacgg agagnacaac cn                      1282

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<210> 4652

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1282)

<223> n = A,T,C or G

<400> 4652

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agnnnnnnnn nattnnnnnn nnttttttga aaaaaccccc cttttgggna aaaaaanggc      60

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ccccgagggg	natttnnaat	ttacccccctt	cntnnttgca	aaaanccnncn	ttttgggggaa	120
aaaanccccc	cacancgnncn	nnntttttgng	gnngnaaaaa	aggnancccg	nnnnnnnangg	180
nanctannnn	nnnnnncnncn	nggcnnanng	nnnnngnggn	cnnngnnngn	cnnnnnnnaan	240
nnnnnnnggg	gtttttttnan	nnncnncnnan	cnannnnnnnn	nannnnnnnnn	ngnnnnngng	300
nncnagnnng	ngggggggnnn	ncangnanaa	nngggccnng	nnngngnang	naanngnnna	360
gngccaanna	cnannaagnn	nannaangga	ccnnnnnana	nnnanangcc	cccccccccc	420
canaacaagn	acccatgacn	nnnaatgacn	aggncctagg	naccanaaan	ccaagcccna	480
ngnananctg	ncncaggcca	ngaacaccag	ccaaagaann	gagcaccccn	aaccacnagc	540
ncancnaggg	aaancagggn	caaaggncaa	aggnaactaa	ccaaanaacc	cccantaagg	600
gccaaaaaag	cctnggagcn	gcgagnanaa	nnaaaaangc	ctaaggnggc	cnanggccng	660
aaaaaagang	cgnanaannc	aagggaccan	aagagnaaan	naangnccca	antcncannn	720
aannananag	ngncccccca	accannaaga	tcnnaanccn	ggggnannaa	acnngancaa	780
tcgnncnncn	nnncnncann	ggnacnaaan	anaaaaancg	ggngaccaag	nccnaaangc	840
angannanaa	aanagntaca	ngntcgnnca	tnaaaaacn	ancacngaa	aancacacnn	900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacncaccac	960
anaaggngan	cnacnggccn	ggannnanac	aananggcac	aaaannngag	caccgcagna	1020
ancngcgana	nngcgcnnc	cnanaacggn	agncnnaaaa	gaaaganacn	aannacangc	1080
anngaencac	gancnananc	cccaaacnag	gnnanacnca	anacacntnn	ngcaganana	1140
accacnncag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn	1200
cnanacanac	ngcatnannc	acaacnatac	ngacanacng	canntgaaaa	atnnggaann	1260
nanagaacgg	agagnacaac	cn				1282

<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

tttgggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnntttgttt	ttgcnaaaaa	aaaccnccnt	120
tttggggnaa	aaattncncc	ccnannnnng	ncccnantnt	ttgnnnngaan	nggaanangn	180
nnanannccc	nnnnnnnnng	nnnnnnnnnn	nnnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnngggggg	ggcnnatann	anannnnanna	300
aaaaannnnna	annaaaacca	nangggngna	nnngnaanan	acnnnnanaa	aannannnnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaaanncn	naaaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnnaca	agncaanaca	acgaagaaga	cnataaaca	ngcacaaaat	540
aancaangaa	agnngaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	ggannngngn	aaacgaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananacacn	aanacgaaan	caaaagaang	naccnncnnc	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaaca	aacagnaaaa	960
tanngcacnt	annagatnna	mnanangaaa	canacaangc	aagngcatnn	aaaganaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnna	aangaanagn	tacgnanaca	anaaaaanaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaatc	acance			1356

<210> 4654
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1356)
 <223> n = A,T,C or G

<400> 4654

tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnntttgttt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnncg	ncccnantnt	ttgnnnga	nggaanangn	180
nnanannccc	nncnnnnng	nnnnnnnann	nnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnnnnnnn	nnnnnggggg	ggcnnatann	anannanna	300
aaaaannnna	annaaaacca	nangggngna	nngnnaanan	acnnnanaan	aannannnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaanacaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	ggannngnng	aaacgaaaan	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananaacacn	aanacgaaan	caaaagaang	naccncnann	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnnaa	aangaanagn	tacgnanaca	anaaaanaaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannnacn	cgtcacaatc	acancc			1356

<210> 4655
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1326)
 <223> n = A,T,C or G

<400> 4655

ttttggccna	aaaaaaaaann	nnggccccnt	tttggggggc	cnaaaaaann	nnngggggccc	60
ccnnggnggn	gnnnnntnnt	ttnnnnngnt	tttnccccnn	nnntcttttt	ctnggggnaaa	120
aanccccctt	tnntttgggg	gaaaaaaann	cccccccnnn	nngnnnnntt	ttttttgggg	180
ggnaaaaaaa	nnnnncccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	tttttnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnggg	ggggannnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnngnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	420
ggggggggng	gngnggngn	nngcnngnng	annggnggca	nngngngngn	nannggngng	480
gnnnnnnngn	annnnnnncn	ngnngnngng	nggnnnnggg	ncnannnnng	cnnnnnnngg	540
gggnannngn	nnnnggnann	nnannnnngg	ggannngggn	cgngngngnn	nngnganann	600

nnggnngnan	ggannnnann	annnnnnnnng	gnanccnnac	nnannnnnnnn	nngngcgggga	660
ancnnncnnn	ngnnncnnng	acnnggggnn	gnnnnnnnnn	nnnnnnnnng	aanggnnnnn	720
nnnngnnnnn	nnngannnnn	nnnnnnnnngn	gncnnngncg	nnngaagngg	nnnnnnngnn	780
nnnnnnnnnn	nggggggggn	nnnnnnnnng	nnnnnnngnan	cnnnnnnnnn	gnnnagnggc	840
nnngnnnnnn	ggnnnnngcnc	nnnnnnngnn	nannnnngng	nnnannnnnn	nnnnnnngng	900
gnnnnnnnnn	nnnnnnnnng	nnnnngnnnn	nnnnnnngnn	nnnnnnnnnn	nanagnnnnn	960
nnggngnaaa	gnnnnnnnnn	nnnnnnngng	gnnnncgngg	ngnnnnnnng	nnnnnnnnnn	1020
nnngnnnnnn	nnnnaggggn	nnnnngnnng	nnnnngngnn	nnnannngnn	nnnnngngnn	1080
nannngnnnn	nnnnngnnnn	nanncacnnn	nnnnnnnggn	ncgnnnnngn	ngnnngnnnn	1140
nnnnngngnn	nnnnnnnnnn	nnngnnnnng	nnnnnnnnng	cgnnnnnnnn	nnnnnnngng	1200
ngnannnnnn	nnngggann	nnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	ngnannnnnn	1260
nangnnngnn	nnnnngnang	nnnnngnnnn	nnnnnnnnng	nannnnnnnn	annnnnnnanc	1320
gcgncc						1326

<210> 4656

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 4656

gnnnnnnnnn	nnnnnnnnnn	ttttgggaaa	aacncccttt	gggnaaaann	ncccgggggn	60
ntttgaaann	ccctcctccg	gaaanccctt	ttgggaaann	nnccccnngn	cngttgggan	120
ccnancgacc	cgaatncggc	acgagccgag	gaccagcgca	gcgaggagaa	ggctncagcg	180
ngaggccaac	aannagancg	agnagcagcn	gcagaaggac	aagcaggncn	accgggccac	240
gcaccgcngn	ngcngcnggg	ngnnngggga	acncgggnaa	agcaccanng	agaagcagat	300
gaggagccgg	cangtgaatg	gggnnaangg	agangagaag	gcaaccagan	nagagnggac	360
tncattctga	gngagangaa	cgngccngac	tntgacncac	ctcccgaagn	ctangagcat	420
gccaaaggcnc	tgngggagga	tgaaggagng	cgagcctgct	acgaacgcgc	caacgaggac	480
caagctgatn	gacngngccc	agngctncng	gacaagaacg	acggggagta	agcaggccga	540
cnangagccc	gagcgaacag	gacccgnnnc	gctgccatgn	cngactnccg	gaanccangg	600
ggaccaagan	ccaggnggac	aaaggcaact	gccacanggg	ncgacngggg	anggccagcg	660
cngaagaang	ccgcaagggg	gaacccaggn	gctnaaacgg	aaggggaact	ggcnancagn	720
nnnnnggggg	gggccagcag	cnacnnacca	acanggggca	anccgggaag	ggaaaaccan	780
gancaacgcg	ccngnangga	aggnaccgga	accnngnana	agaagcaann	ngggaacaac	840
anganggggn	ngcanancca	tcncnnnc				868

<210> 4657

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1319)

<223> n = A,T,C or G

<400> 4657

ccnnaaaaaa	aaanangncc	ccttttgggg	gtcaaaaaaa	atccccggcc	caattntttn	60
nnnnnttttt	tcaaaaanaa	aaaccccccc	tnacnttttt	tnccaaaaaa	aanccgccc	120
tttgggggga	aaaaaaaacc	ctcncnaaaa	anncngnnnn	tncaattcaa	naccnngagg	180
ggnatnnngc	ccnnaaanna	nccnnaang	ngnnncanta	gnnnnaaana	nnngannnnn	240

nncncaatnn	nggnngnecn	nnanacnnnn	nnnnngnncn	nannaannan	acnnnaaggg	300
gggaaantnc	ntnnnnnann	annaaaggn	gnnnccaaa	annnnnaan	nnngnggnaa	360
nananannnn	gnagnacnng	aaaccnncan	antncnnnnn	naannacann	naccnannan	420
ancnnnnncan	nnnccnnnnn	naanannann	agnaaangnn	annaaancga	ganancnaaa	480
cnnnnnanana	accacacann	accagaacac	ancagnacag	ncaaancntc	acatananaa	540
angtgcanta	cnncnatatc	ccgacacann	ccnanagacn	aaatacaacn	gatnnacnca	600
nnanannacc	nancnaaaaa	acaancacaa	ancaangana	aaanaacann	naacgacact	660
aanaagcaca	nanacnggcc	nacaanaccc	nacacaaacc	nnacngccaa	nnancnaaaa	720
ctaaaaacnga	atatcacnna	cacnnnnnaa	ctncnacaaa	aacnaccacc	ngnaaaaaacn	780
nnnnngnaaag	gngncancaa	atngaaaaaa	cnaaaaaaan	nnnaccangc	acannaaaac	840
nmntnnacna	tgacanacaa	anaaananac	mntaaaaann	aacaannaca	acncnaacan	900
nttaaaannca	aaannatanc	ccgcagcnaa	attaatangn	nanancntca	canannaaan	960
naacnaaccc	cantgtanan	aaaccncaat	ancaccacna	natanncaaa	ggtaangana	1020
aaccananaa	naccanattt	naaacaagcg	ncaaaccana	acngaccca	tccaannatn	1080
cnaacacaaa	naaanatatn	catnaaacac	acacaanacc	acctcnnnaa	nnnacntacc	1140
ntanaaacat	ncaaaanctn	natngacacn	nacaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nncnagaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncntc	nancgcgga	gnnaaaaaata	anacacanaa	acacacnca	1319

<210> 4658

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1088)

<223> n = A,T,C or G

<400> 4658

gaggnttttt	tccaaaaaaa	nnccccagag	ggnnnatttt	tgcaaaaaac	gccttttggt	60
tttacaaaaa	nccgcttttt	gggnaaaatt	ttngggccng	naaaaagnna	tntntnggga	120
nnnanaanaa	nnnnnaann	ganggganan	naannannnn	annnnnaann	nannnnanag	180
anaanaggg	gnnnangnna	ntttttnnnn	nannganggg	ggaannannn	acnanngggg	240
nganannann	nnnnnnnnnn	annngggngg	gnnnnanann	aannangngg	gnaganagan	300
nnannnnngnn	nananaccnn	agnnnananna	ganannnaaa	naaannccnn	annnananaa	360
gaaacanaag	nnnaaaanac	aggaaaaaaa	aaganaaaant	acngnaanta	anacaaaaaa	420
aacaaaaacna	ncatngnanc	aggnananag	tagcaanaac	nganngaagg	canaagagag	480
aaagncntga	cnaaagagga	ngagntnttt	naactaagan	agagannnac	ngaantgnaa	540
acangaancn	natganaaaa	aaggntnnga	canaagaaga	angcnanaca	nnaaaangan	600
ngaagnatga	aagaaaaann	naaagcntng	gnanaaaaaa	anagagatna	anaaaaaatn	660
aaaagaanaag	aannaacnna	atntcngnna	ancncgagaa	aatgggnnaa	gaaacangaa	720
naanatacaa	gaacnaaaga	nagnncggaa	anaaganagg	nanaaaagaac	nanatataan	780
nganaagnta	nacanggata	acangnagat	ganaangagn	acannanaga	nanatgnang	840
ngacnanagg	gagantaaaa	anntaagnna	nnaaananaan	aagcnannga	gannnnaccn	900
gnanacgggn	annacataac	anactnannnn	nanaaaatac	nnnaaaggga	gananacgca	960
naatnnngca	naannannan	anaacgaaga	atangaagng	annncaggan	agatagaaan	1020
anganntaga	acngaaanna	aantnnncaa	ancaatnana	aanagncann	gnacatanaa	1080
aacaacnn						1088

<210> 4659

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1267)
 <223> n = A,T,C or G

<400> 4659

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agggttttttt gcaaaaaaan cccccntttt ttggncnntt tttgcnaaaa aanncgccctt      60
ttggtttttna aaaacacccc ccttttttgc nnaaaattat acgcncagtn annatgnnnn      120
ntatnnnnnnn nnannnanaa nnnnnnannn aananaannng ggngnnnnann annnaaanna      180
naannnnannn tttntannnn angnaaatan nnannnnnnn attntttnnn annnnnnnnnn      240
naannntnnn tntnaaaann ggngngnana nnannacnna nnttnanatn nnaananann      300
nnnnnnnnnn tanngaggng annnnnnana naanngannn anaannnnna nnancanaat      360
nnnnaanant nnnngnanaa naantaanan nnacnaatca naannnaana nnnannnaan      420
nnannaataa nncaaaaaaa aagccanann tatannaaaa cntcaatann cgtanaanaa      480
gaanatnacn natannaana naanactacc aaaactnaan annnnaatnc atatcnaana      540
taactannaa nngaatanata nancaganaa nnnagnanna atnntannan naaagcannn      600
ngnnaanacn tcaagcntag antanntaca aatacnnaa atantaacnn nanananaaa      660
anaannnnnn naacatncna agannnnana acaanaann gnacaannan taacnannan      720
anaaananat ataaacanna ananannnaa taaataaant atanataang ngntcanata      780
tnnaagacaa ncnaantaaa cntnnancat nancgaacta taaatagaan nganatatga      840
nataanatna nntanaacnc natatatanc nagtanatnt nanancacta nanatacnan      900
nanaaantcn tactanacan naacanctnn aactnanann antannnagn aacacncata      960
nancgannna atancnctna anntnnanna ctctgaanaa annacanata aataactata     1020
nangetagnn acantncacn tagtannnaa tatntanana ttcnctanat ananntntan     1080
atcactacgn actcanacat anaaannaag tcttanagan aaatatcact caanaannna     1140
ngggncacta tntanncatn anncanaata nnnancata tannacanat aaantnnana     1200
tcnnaangat naaatntnan angacnanac anatangtnt atnnctaanc tgtaaataca     1260
ncacgaa                                           1267
  
```

<210> 4660
 <211> 1235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1235)
 <223> n = A,T,C or G

<400> 4660

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gtttgaaatn cctttgggnat ttctaattgt tgntnancgn cattnatatn tgnngantng      60
nttggaaatn ngnacganga tntnntaaag catgtttana agtnattana atggacgggt      120
tgncnnntaa ngattgggna taantggtgg naanantgga ntgantngt attgntnga      180
tttgagttat ctnattgaga nctntannnn ataaggagag ttntattntn ataaagntan      240
tagnanntan nggatcctta tntatcttng nnatgtntta aannganata atantnttn      300
naattttacn attntagana ttinatnggtg aaactttatc atatgntnna aattntann      360
ttnnnaatct ntgcaaaaaa ttantagntt tantntatnc atntcnantt tttntatttn      420
ttncntntna ttannnttan tntgatntat gnanttcnta atttcnttta tnacnctnt      480
tactnatata attttnannt anaaanaagt aatnnannat ntttgaatat atntntatca      540
naatatgnga nattataatc atttatnttn natagtatan ntatgnatg tagatatata      600
tctatagntg ntntnttatt ntttngatct gtatagncat cngnactaat atantttgtg      660
atanagctat tatggggant atntaaaact attgatgtna aaaaaacata nttttataag      720
antatanncn nnacgttata atagntctct gtacctatta ngcnattnga ttanaanatt      780
nntcnngata cctatntgta tnncatnaca tattatatng gnganttatt tntttgtata      840
taggattact atnttatgat anannntctt tntataatna aatatnatan tgagggtntn      900
ctttntacag ttgtanntna aatatnagcg ntnttaataa natagagnga tatatgacat      960
tnatttatat atattaagan tgtaagattn natnaagnag taatatcann atatagtatc     1020
  
```

natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4661

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4661

gtttgaaatn	cctttgggnat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naattttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttmnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttnttatttn	420
ttncnntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atnttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atntatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	mntttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnmttgata	840
taggattact	atnttatgat	anannntctt	tnataaatna	aatatnatan	tgagggntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnattttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4662

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4662

tnaatttna	tnctntannc	cnttcaactn	cttggttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagatgagc	ccatgaactt	ccccagaaac	tcattgtctt	ctatttccgt	120
aacagctcct	aaccactagt	cgggctttgc	acacagcgac	ttctccgtaa	atgttgactg	180
cagggcagaa	agaaaggcta	aaagttctta	ggagaatgtt	tgcttttgca	tgtatatgct	240
ggcgatgcta	ataagtccca	gctagacctg	gcagtgagta	agttcagggg	tggcaattta	300
attttcttgc	tattagtata	acaaacagta	ggtgggatgg	gtggtaagct	taaatatctc	360
tgacgcgcca	tttaaaccat	ccatcccacc	tgtgggttgt	ctgcacctgc	tcttttggtg	420

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cggtgggtct cctaatttgc ttttcagtc ctttcacatt atcattgttc tcaaaggcac      480
cgctctgcaa accacataaa ggcccttcaa cttncgctgc attttgtttt attcagccaa      540
ttgactagta ctgtcagcta attggattgg aaatgtaaaa tgaaagctgt attattcaac      600
tgccaacctc ctcaattggc anggagtggg tgatgctggg aattgaccan aagtgttaatt      660
gctctgggtc tgccctctgga ttttaacaatg aaccctggga gggctttctn tganacactt      720
gatacctgct tttttttttt tcccnngggg      750

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<210> 4663
<211> 808
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1) ... (808)
<223> n = A,T,C or G

```

```

<400> 4663
gttnnnnnnt tgaateccct ngctctngnc tttttgcagg atcccatcga ttgcgactaa      60
aaatagggttt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag      120
caatcgagat ttgggagctg aaccaaagcc ttttcaaaaa gcagagtggg ctgcatttaa      180
atttgatttc catcttaatt ttactcagat ataagagaag tctcattcgc ctttgtcttg      240
tacttctgtg ttcatTTTTT tttttttttg gctagagttt ccactatccc aataaagaat      300
tacagtacac atcccagaa tccataaatg tgttctctgg ccactctgta atagttcagt      360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg      420
catttctata ctttacagga aaaaaaatc tgntgttcca ttttatgcag aagcatattt      480
tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta      540
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc      600
tacttgataa tattaaggga ttctggattt cagggttttca tttggtttgc ttttggtttt      660
ttctctatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa      720
aacattaatt ttnggccnn nnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnna aacctcgnc cttntaaa      808

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```

<210> 4664
<211> 1008
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1008)
<223> n = A,T,C or G

```

```

<400> 4664
ccgcncncnn cnnngnnnnn nannnnnnng nnnngnnnnt ttnntttttn annccnttca      60
gcnccttggt catgatgcag gatcccatcg attcgaaacnn gcacnggtct atcnctnnngt      120
gaagcactac ccngntacg ggttnacca tgccctgggca gntnggccat gggcccggctc      180
acgaacanaa cgggcttggg cgccctcgcc ctggccgcag atacctncta ctaccagggg      240
gngnactccc ggccattat gaactcctct taagaagacg acggcttcag gcccggctaa      300
ctctggcacc cgggacnag gacanntgan gancaagnng gggtcganac ntnggggaga      360
cggagttagc tagacgcang gggagaagaa attcataacn ccccggnccn aacaccnchna      420
aggacagcag tcgttttnac cccngtgcan cccgttctcg gtcnaacag agggccacca      480
cagnatncnc cacanttcta tattanggag gaanancggg gaaagaatgt anaattttga      540
anaataance tactggtggt ccaaanaact gnngccgacn cncttgcntn gtgnnaaagc      600
gncntggca ngattnctng aaatttnntt tgggtgggtg ggnaggnncc cccntccca      660
tttgcncgn cgggttgga aggggaaatt tcctttcctt tcaccctcan tatnaaaagg      720

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ttttncctgg	gagntngaac	tttcgggggg	ttaaaaaanc	ccattgtggg	ngcccaataa	780
anccangacn	ccncttaggg	ggggaagncc	cntnccgggn	ganntnctg	tccanaacgn	840
gngggncngt	atctttngtg	gggncttntt	ttnaaccnat	tttgggggga	ggangcnggg	900
nntaacctt	ggcaaccncc	cggaaacatn	gggtgatgtg	nnaaaacatt	tncggatgca	960
naatattttg	gcnccegggg	ggngccnnan	tatattttng	gannagcc		1008

<210> 4665

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1690)

<223> n = A,T,C or G

<400> 4665

ccnccnnann	acnnngcnnn	nnaaaannnaa	nnncnnnnann	nggaaacnnn	nnannnnnnna	60
nngcagngnn	ngnannnnang	cgagnnancn	gaanangacg	cannnnmann	nngaangann	120
nnnnncngng	gngncntgna	nannnnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngetancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnecna	ttttttggga	aaccgggttt	300
tggggcaaaa	acngcttgg	ggagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgcnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annamntnt	cnannnnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagnacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncaccgcn	nnnancctcn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanaag	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaaac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnnccactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agccngcacc	ancnccctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tccnnnnctn	atcnnacagaa	1680
ntnctntnnn						1690

<210> 4666

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (839)

<223> n = A,T,C or G

<400> 4666

tttgaacc	tttnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagg	nannganncn	ncangatctt	gganggnctn	cnctggncga	gaccaaggaa	120
aagcntcggn	cgatnggn	cccaatgcan	ggtgatggg	atggcttnna	nnctantgnt	180
gnnccnatat	ccannatnan	gctggtgcat	aangnantcn	nnnnccctaa	nnnecngaa	240
nnntggncng	atnttgntcn	ngacnntgtg	nnnttnnatg	tnnacactgt	nnntnnnaac	300
nntgttcggn	ccnncnangc	tgatnntgac	ctggncaatg	acctgctgtg	gnantgctgg	360
nttcactgnt	cangtgacta	tattnatcca	tacannacca	attnaccttg	ctcatatcat	420
ccntagnntt	gnattgccac	tcgngattnn	attgcantnc	aangcnnanc	tttaactann	480
ngggatnata	aatnntccgc	ccntttnttg	nnanaaaaaat	cttgnaaaagg	aanagcccnt	540
tacacttgta	aggaaattnn	ggccccaacc	tnagcaaatg	gcataaaaaa	ggttgngg	600
ncangtcena	tanaaanctt	nnangannat	tgtcaaaaaca	nnnnnacctt	tctggncatg	660
aatcattggn	tggtgntnt	agactnccaa	gagnttgggg	nggntntttt	tcaaaaannt	720
tttananaaga	acntttgcnc	ggaactgttc	agngggcaat	caactttttc	ncggnaaggc	780
tttagactgc	taaaatggan	ttnttnccct	tataactgcc	ancccaaadc	tttatnccct	839

<210> 4667

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4667

gnnnnnnnnn	ntntnaata	tacagctctt	gttctttttg	caggacccat	cgattcgctc	60
angcngngc	ctccttcccc	agnnttgntg	cctgagtggg	accagtgcnn	acncacagnc	120
cggaaaaggc	gcatctaacy	cntnttnagg	ctnnggtaac	tgccgacaag	ttgctttnac	180
ctgatttgat	gatacatntc	attaagggtc	cagttataaa	tattttgcta	atatttatta	240
agngactata	tgaatgcanc	tncattnacc	agtaacttat	nttaaataatg	cctagtaaca	300
catatgtngn	ataatntcta	gaaacaaaca	tntaataagn	atataatccn	gtgaaaatnt	360
gaggcttgat	aatattaggt	agtgacaatg	aagcatggna	gaagctgtna	cagattacat	420
anagaataat	gaggagatta	tgatggaacc	ttaatatata	atgttgncag	cgattntagt	480
tnaatattcg	atactggnat	ctatctgctg	tatatggaat	acttttaatt	caaacgctga	540
anacgaatca	gcatttagtc	ttgccaggna	caccaataaa	tcagncatgt	gtaatatnca	600
caagttcgtn	tctgttttgg	gttatnttga	tggtngggtt	gtgnttttgc	tttaagttgc	660
atgagctttn	tgcnngaaat	antcactcat	cccactccag	ataaggggnt	tagtcatnag	720
aaagtctgtc	tggtgatga	tggtacggg	gccaatcttt	ntcccccttc	tggttaatatg	780
tcattacatt	tctatgccnn	nnnaggancn	natccataac	tttancttaa	ngtncacatt	840
ggnatttt						848

<210> 4668

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4668

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	ngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	nngaangann	120

```

nnnnncncgng gngncntgna nannnacaan aggcngnana cacnnngnng anannggcnc 180
annnacacgn ananannnac canaacannn cngctancan naaganncnca cnnnanagca 240
nnnncncagng ngngggancc gagngcgnga cntnnnccna ttttttggga aaccgggttt 300
tggggcaaaa acgngcttgg ggnagannct cacaaacgca cnnaggagac gagagagngn 360
agccgngnch acgntnnacc agctacagcg aantcncnng nncgccnagn ngnaanacga 420
gacnnnagna gnnacnacca anannaccan gggaaagggg gggaaacnnn cgnccaanag 480
nccnnacacn nantaaanan ngagngnngt aagacancca ngnnncaaan tgnnaannnn 540
anncaanach aaaanaancc nnnnacctat acnnagncac aacaactnan ancnnagaan 600
annannmtnt cnannnnaan caaaaaagaa tcnncannta nannagnanc ganncgcgca 660
nanncncaan gtannaanna tantannaca cgacgganac atngnanach angcgngnan 720
acangnnnnan cncancanan ancnangaag atntntncga gaacgcgctg cngnatacac 780
ancngctnnn gacngnnnaa cncagnann angcntnang acncacnnna cacacncgcn 840
annncancng cacagcgngg atanacgaac gnnncaagct cnagnaana aggtangcca 900
cangnagagn anaccnnnna cnagnnaaan aagncacatc accgatanat nctcgannnc 960
naccagcnnn nnncnagnga cnnaccgcn nnnanctctn ncnacangnn nangnaccnn 1020
ngcntncaca cgnanaanaa tctncnccca gaagcncggc nncgncacg anacgcagag 1080
naccgncagn atnantnacg cgcaaanaagc gacanaangc angnccaaga tanagnngan 1140
agcgnnatan nagcacgtcn acacagcgan acnngaagan cacgngnann tnntnagana 1200
cannnnngnaa nacagcctnt gacgnaacac agcannacat cnnacagctc ngacancacg 1260
anananggac agncncngan acacgngaac nacncaannn cacannagan gagancann 1320
tnannnagat ganantanc annacgnga tnnactata tngannangn ncgntgccgn 1380
ngnnancagc agccngcacc anccctact tgcntactnn atncnatgag caccaacgan 1440
ataagannac cacnccctnn ancgannana tgaacacatn canntaaann gnagantnan 1500
tanacgacnn ncncaannac ngangtacag nnnmtcacc annngcgnnn gatangctcn 1560
mntatactaa cnnananana gnnnaacaa cagaaanaa cacnagacag agaagcnnnc 1620
ncatgatnnc ccactcacga ncnnnngagt cngcngannn tcnnnnnctn atcnnacagaa 1680
ntncntnnch 1690

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<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4669

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ttttcataca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgaggtga 60
ggctctctta aaaaatttaa aaatactgaa gaaacaaagg gaggagtttg tagaatctgg 120
agtggaggaa acttctgtgt caccaaacac agaaaccatc aaagaaaatc tttcacttcc 180
aaaattagtc tatagaaaaa aaaaagaaaa tcttaaccca aataagagac tgaggcaaga 240
gcttcaatca atcgaggttt actgagccag agttggagcg tgccaggaaa gcaacacaag 300
tcaaagaaac gtctgtggcc tgtgctctcc caagaagttt tcaggagggt caatatttgt 360
acatttcttt aaaggggaga agacagtgag gcaaatgggt atgtttttgt gagactctta 420
attagtgtcc cgtaaactta agctatatgg aagatagggg gaacactgga agaacaggga 480
gtaacagaag accaattatg cagaggtctc aggttaggtg gaggaatgat tgatctcatc 540
ttatccttgt ctgcacctgg gcagatnaac tttgtaattg acattgtcag tgtgaaattt 600
acaagacttt tggtttttagg agttaggttt aggttgccag acctaaagtt gcagttgaca 660
tgtntctgtt ttataggagg atntccatnc tgaaagtta gggactggcc aanaattact 720
ggtgagcaat ttgtgantgc ggcncgtggag atcatgancg tttttgcctt tttgngggat 780

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<210> 4670

<211> 712

<212> DNA

<213> Homo sapiens

<400> 4670

```

gttttagagc agctcttggt ctttttgcag gatccctcga ttcgaattcg gcacgaggaa      60
ctagtctcga gttttttttt tttttttttt atgatattac accatagggt ttattaacga      120
taaagtgttg cattactttt aaaagcttag ctcttactaa gcattcttta acaaaaagcta      180
ataagcaaga aatcatttgc catacggaaa ctatattcac aaacaagact ttaatccaat      240
attgaaagct aaagaattag aaaaaataca aaacactgct atgagtcaat tgaactgcta      300
tcattgaatt tgctgcattt agaatgacat aaacatactg aacataaaaa caattttatg      360
gatttattct ataagactag cattaagaat gacatacaat ttgtgatttc ctttaaaaaat      420
aattttttac aacagaatcc atttgaacaa agggctcttt tttccctcct tttgagggga      480
agacaatcta tgtttcccaa acagatcctc ctttcatact aaaatagcaa actgtggcct      540
cgatctcctc ttcccagatg ctacttatag atgactttgc ataataactt aattagaatt      600
acttttctgg taacagtgtc acggccataa ataatcagtt tttaaaaaac aaacatcaag      660
ggcaaactta gaaaacttcc tttaaaggaa ttacccaaac ccagcacaca tg              712

```

<210> 4671

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4671

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tggtggggga cattcttaat tcacattcct atcagttggg atctcctgtc cctgaagaca      180
ctgatgaggc ttgggaggag aatccacact ttccctgcag ggggttaggc tgggcagggc      240
agggagggtga gggcgctggg ccagaacact ggcaagggat gggaacctaa cttcttctgt      300
gcttctgatt tgcccttgca ggtgtttttc caggctctgac cacctggccc tgcacatgaa      360
gaggcacctc tgaggggagca gagagggtgga tcctgtaggc taaaaggctt ccaggctgag      420
agcccggccc gtggaaggag ggatgcatgc tttattaagg ctcttgtttc acctggcagt      480
gtactgtatc aacgtataat acagaaaaaa aatctcttta aggtcctcct tcacaaagac      540
atagagtga aactcccttta catgtcagta tttgttcaac actttaggca acttgactgt      600
cagtgttaaa atggaaaaca ggaaaatgga aaaatctgac caattctgcc ccttgagact      660
ttcatataga ccttgacaaa caattgtata gatcacacac cggcttgat ttaatatgta      720
acattttcnc acatnttaa gatccagaag ttttaaaaaa ccccaatgt taatgtattt      780
gc              782

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<210> 4672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4672

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gagccttga ancctatnta caatctactt gctctttttg caggatccca tcgattcgaa      60
ttcggcacga gaaaaaacct cctgggactg ttgcaaggat gaaatgaagg attgagggat      120
tgagggtatt ctgagctgga gctccagggt tcctatcttt ctgagtgagg tggcacggag      180

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cgggggccgcc tccctcttct ctccaggcag gtggggctgt ggttatgaga taggggtctcc      240
cttccctcca gcccatgcca gaggagcttg taactcttta tcctcatggt gccactacg      300
agtcatactc tccccatgc tgctcattct cctgggcccc atccactcag ccaaagcaga      360
atgcagggtt tcctgcctga caacccttct cacctcccaa gtcccacttt tgaacaagct      420
gatgattctg aaactggccc aatttcttaa caagccggat gcttgagaaa cctacatttg      480
gacaatgaga ggctgctcct gngcctgcg ggccacctcc tcttccttgg ctctgcttt      540
cttttttagac tatatcaacc tacaacttta ctcggaaga gggacagggg tggacctgag      600
tttcgtctcc tgtctctctg gctgatgtca cctggaataa agccttcttn cctggccaaa      660
naaaaanacc nnnnnnanaa nntactttna gcctctanaa ctatagttag tegtattacg      720
tnnaanccaa cttgaataag anacattgat gaattttgga ncaancnca actntgaatg      780
ct                                                                                          782

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<210> 4673

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4673

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gnttnaganc aggctctgtt ctttttgag gatccatcga ttcggtttcg gcanctgggg      60
tnggnactgt tgataggang atgtnttaag gaaatgctaa aattgggcac cctgccccca      120
acttcaaagc cncagctgtt atgccanag gtcanntnaa agatatnacc ctgtctgact      180
acaaaggaaa atntgttgng nnttctnttt accctcttga cttnaccttt gtgtgccccca      240
cggagatcat tgntntcagt gatagggcng aanaatntaa naaactcaac tgccaagnga      300
tnggagcttc tgtggattct cacttggtgc atctagcatg ggtcantaca cctaagaagc      360
aaggaggact gggacccatg aacattcctt tggntncaga cccgaagcgc accattgctc      420
angattatgg ggtcttaaag gctgatgaag gcctctcgtt caggggcctt tttatcattg      480
atgataaggg tattcttcgg cagatcactg naaatgacct ccctgttggc cgctctgtgg      540
atganacttt gagactagtt caggccttcc aggcactgac naacatgggg aagtgtgccc      600
agctggctgg aaacctggca gtgatccatn aagcctgatg tccaaannag caaagaatat      660
ttntccaagc ngaagtnagc gctgggctgg tttantgcca ggctgc                          706

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<210> 4674

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 4674

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gtttaatcag ctcttgttct ttttgagga tccctcgatt cgaattcggc acgagtattg      60
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gtcatttatc aggtcttttg gagggattgt tagggttttt ttaggttttag aatcatattg      180
tgagtgaaca gagataattt gacttctctt ttttctatct agatgccttt tgtttctttt      240
tcttgccgca ttgctctggg taggacttca gtactatggt gaatagaggt ggtgagagtg      300
ggcatccttg tcttgttctt aggggggatg ctttcacctt tgccatttca gtatgatatt      360
ggctgtgggt ttgtcataga tggctcttat tattttgaga ggtatgttcc ttcattgcct      420
agtttgttga ggatttttat catgaaggga tattggactt tatcaaagtc ttttctacat      480
gtattgagat gatcatatgg ttttgtttt taattctgtt tatgtgctaa aactattccc      540

```

caaaatcaaa	gagaaaggat	ttctccttaa	cacattctac	gaaaccagta	tcatectgat	600
ccaaaatctg	gcaaggacac	caacancana	aaanaaaaaa	aaaaaactng	gccttttaaaa	660
acttttngggg	ngccnnnttn	cgnaanatcc	nnnncttgat	nagatccntn		710

<210> 4675

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4675

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cacgaggtgg	ggacgagccc	tccccatcct	gagtcacacag	ggagatccac	agctcacgga	120
gcctggccgc	ggacccctcc	cacccttgcc	ttgccggccc	ctgcacattt	aggatatgct	180
cctgggtggg	gactgggtcg	tgcccagggc	ctctgtcccc	caggatgtct	tgtgggtcgg	240
gtcggccgtt	ctgcccccca	gggcaccccc	tggtgtaggc	actggctagg	gaggggcagg	300
cctccttctt	gcccctcgag	acactcttgg	gagatgcatt	ttccgtctgg	ctcacagggg	360
gaggggtgagg	ctttgcaccc	cacccttgnc	cangccactg	tgatgggtgg	tgctgctgaa	420
ccccgggggc	agcaggagcc	aggcangtga	tgtctttgtc	tcggctccca	cagnagaacc	480
aggtgagggg	gcgcctgcca	agggcanaan	catgtggggc	aaactgaacc	ctgttcnct	540
gtggcggcat	gccccgatct	tttacacact	ggtgacctn	anaaaagatg	taagatgnaa	600
cctggccggg	gtttnttnan	cccgactttt	aanttgncn	tncaaactt	tggcttgaac	660
ttgggtctgt	ttacctaana	aagtcccaca	aggtgcctta	ttntntnggn	ttnttttnna	720
naancncnt	tnnnnngnna	nnnttttttn	natttnnnnn	aaaanatnnn	aaannngnnt	780
tt						782

<210> 4676

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 4676

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caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtggg	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	240
tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tccataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaatc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctggtttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgctggac	tcttgctgat	ggctgctaga	ttttaattta	tttgggtccc	600
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttgggtttg	ttttgggttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaaang	gngggaataa	720
aacattaatt	ttgngcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggnc	cttntaaa				808

<210> 4677
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4677
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 gaggtgcgac gaaggagtag gtggtgggat ctcaccgtgg gtccgattag ccttttctct 120
 gccttgcttg cttgagcttc agcggaaattc gaaatggctg gcggttaaggc tggaaaggac 180
 tccggaaagg ccaagacaaa ggcggtttcc cgctcgaga gagccggctt gcagttccca 240
 gtgggcccgt ttcacgcaca cctaaaatct aggacgacca gtcattggacg tgtgggcccg 300
 actgccgctg tgtacagcgc agccatcctg gagtacctca ccgcanaggt acttgaactg 360
 gcaggaaatg catcaaaaga cttaaaggta aagcgtatta cccctcgtca cttgcaactt 420
 gctattcgtg gagatgaaga attggattct ctcacaaagg ctacaattgc tgggtggtgn 480
 gtcattccac acatccacaa atctctgatt gggaagaaag gacaacagaa gactgtctaa 540
 aggatgctg gattccttgt tatctcanga ctctaaatac tctaacagct gccagtgttg 600
 gtgattccag tggactgtat ctctgtgaaa aacacaattt tgctttttt gtaattctat 660
 ttgacaagtt tgggaagttaa ttagctttcc accaaccaaa tttctgct 708

<210> 4678
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4678
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 caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtggg ctgcatttaa 180
 atttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg 240
 tacttctgtg ttcatttttt tttttttttg gctagagttt ccactatccc aataaagaat 300
 tacagtacac atccccagaa tcataaatg tgttccctggc ccactctgta atagttcagt 360
 agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420
 catttctata ctttacagga aaaaaaatc tgntgttcca ttttatgcag aagcatattt 480
 tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta 540
 cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc 600
 tacttgataa tattaaggga ttctggattt caggttttca tttggtttgc ttttggtttt 660
 ttctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa 720
 aacattaatt ttnggccnn nnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
 nnnnnnnnna aacctcggnc cttntaaa 808

<210> 4679
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (880)
 <223> n = A,T,C or G

<400> 4679

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tggccatggg	cccggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccagggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gatcnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
cacccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancegttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaaa	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttggtga	gttggaactt	gggggtnaaa	aacctatggt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnncan	tttggattgn	840
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<210> 4680
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (880)
 <223> n = A,T,C or G

<400> 4680

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tggccatggg	cccggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccagggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gatcnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
cacccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancegttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaaa	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttggtga	gttggaactt	gggggtnaaa	aacctatggt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnncan	tttggattgn	840
aaatttttgg	gnaccnaaan	ccncccaac	ctttgggaaa			880

<210> 4681
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (880)

<223> n = A,T,C or G

<400> 4681

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tggccatggg	cccgggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccttg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggttaactc	tggcaccccn	gatcnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	cccncaagac	agcagtcttn	ttaccgcgtg	canccgttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgtttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaag	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtgga	gttggaacttc	gggggtnaaa	aacccatggt	660
tgthtttnaa	caagnaanca	agaagggtt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	tttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttggttgn	840
aaatthtttg	gnaccnaaan	ccncccaac	ctthtgga			880

<210> 4682

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1690)

<223> n = A,T,C or G

<400> 4682

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	ngaaacnnn	nnannnnnna	60
nngcagnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	nngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	entnnnccna	ttttttggga	aaccgggttt	300
tggggcaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nnccgcnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgaccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nancncnaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannnn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagnacacac	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncccgcn	nnnancctcn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgten	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnncaactata	tngannangn	ncgntgcgcn	1380
ngnnancagc	agcngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	anngncggnn	gatangctcn	1560

nntataactaa	cnnananana	gnnnnaacaa	cagaaanaaa	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnngagt	cngcngannn	tccnnnnctn	atcnnncagaa	1680
ntncntnnnc						1690

<210> 4683

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (933)

<223> n = A,T,C or G

<400> 4683

gagnagggng	ttctaantct	ggctntcagc	ccaanaacag	ctctgttctt	gcncangatc	60
cgntcgatgt	tctccantgg	accatccagc	ctttttccna	gccaggaaag	cccggntnga	120
gcanntgata	tccangaatg	ngngaggctg	ncgnngcaag	gancacctna	ggctcnggana	180
tctnananca	tcntggcnnc	atnntgaaac	cctntngnna	ctatgnannn	tcncaaataca	240
gctnngnnnn	ctggngnacg	cntgnagtgc	cagcnccang	gaggntgatg	cagctgaacc	300
cctgancgcc	ggnatgggtca	agattgcnnt	gacgntnana	tcnaaccatt	ggnaactccat	360
cctggggcan	gangaacnan	ancnttgact	cacggtaatg	taatcnnnag	gtggntggat	420
aaacttgagg	ataaaggntt	cgannatcaa	nactggaggc	aactttnnnc	ggntaaccct	480
atntantanc	tanaatatat	ntggaaatcn	nnnacanggc	aatnggctan	ancncnannc	540
ccttggtaan	acaccntan	ttccntaggg	gcacgcgtnn	acggcangnn	tnantcnnnc	600
taanaaaacc	ancgtanggt	gntaagggnt	taccanntan	tcncgaanaa	tcnacgccca	660
cctngnathtt	tcctnnggcn	cttggggcaa	ncaaaaaatgn	ntgaaaaacn	tcttgngagn	720
tccaatanan	cccacnanat	ttcnnaacta	tntaagcacg	cnntaanntt	ggnaaaaaacn	780
ccnaattngg	naatcantat	tangganggg	ggacatccat	ttttaaaaccn	ttnganaatn	840
nncccnaaaa	cnnatgctnt	tctannngga	agnnccaatn	nggcataacn	aaannntttt	900
gnngnnnann	ananatccnn	tctctnnntc	nnc			933

<210> 4684

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1383)

<223> n = A,T,C or G

<400> 4684

cccnncnnnn	nnncnaccn	anccccnnnn	nnacnanccc	nanacngcna	anaannanct	60
nnccnannan	cnnanangnn	ncncaannnc	aancncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncnnn	cntcnanaaa	cacngacnnn	nnnnnnnnang	180
nnnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnnggggnagg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnnnnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgcacgat	cnccaaancn	ntgggggaanc	420
acatcnnena	caacnancnt	nnncccnana	agcctnangn	ccacnacnaa	cccccnncaa	480
ncganaaacac	anccccctana	accnaacnca	aanacanacc	cacncnnang	acaacngnnc	540
anncnagcac	cancnatncn	nnnccggacc	antnncngca	naccaaagna	caccagcnan	600
ancgnnanncc	caaacacaca	gataaacncn	nanagnntcc	atngcataan	cggaannngnc	660
accatnctnc	naancaaann	nncccnttna	nccananaanc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

```

acnacacagc cgcgcgcaaa ccttaaccc tncaanacca ttancnagac ctaacncnaa      840
cannengnac ggnccaccann nncacnccna tagaccenag nncnncanac cggagnaaaa      900
cnntcnggnn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca      960
tncccnctc anannnaacc nnacacgcga ancaccgagc aacannctgg gcnaatacnc     1020
tgcacaccnn cgcgcacatagc gacaaanacn ttcgcanngn nnnaaancan nncgagcanc     1080
cccgnccctnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac     1140
atanngggna ncngcnanag agggcaaann gncacaaaac cnaaaacata ctctnnaaac     1200
acacaaaggc cncgcacaaa anntnncaen nncananacn catcggaacac caccannaan     1260
aaccnnnggg acgcgcncca ntnnttccan ananagnann naccnccca ttacgagcga     1320
taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa     1380
cgc                                     1383

```

<210> 4685

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4685

```

ctaatacnaa ncnngcntn tegnnctnnc cgaaanaaan aggcnnngc gtggtgggaa      60
gcgtgcggtg cgcgcagcaat ggcggcgctc acaattgcc aagggtactgg caattgggtt     120
tcggcttttg cgctcggggt gactcttctc aaatgccttc tcatccccac ataccattcc     180
acagattttg aagtacaccg aaactggctt gctatcactc acagtttgcc aatatcacag     240
tggtattatg aggcaacttc agagtggacg ttggattacc cccctttctt tgcattgggtt     300
gagtatatcc tgtcacatgt tgccaaatat tttgatcaag aaatgctgaa tgtccataat     360
ttgaattact ccagctcaag gaccttactt ttccagagat ttccgctcat ctttatggat     420
gtactctttg tgtatgctgt ccgtgagtg cgttaaagca ttgatggaaa aaaagtgggt     480
aaagaactta cagaaaagcc aaaatttatt ctgtcggtat tacttctgtg gaacttcggg     540
ttattaattg tggaccatat tcatttttcag tacaatggct ttttatttgg attaagtcta     600
ctctccattg cagcattatt tcagaaaagg catatggaag gagcatttcn ctttgcgtnt     660
ctctacatt tcaagcatat ctacctctat gtaagcacca gcttatggng tatatctgct     720
gcgatcctac tgggttactg caagtaaacc agccttttgt ctgtgggaaa aat             773

```

<210> 4686

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4686

```

gntntttnta agcgannngc tacttgcctt ttgcgcgagn ccttatnttc naattcggca      60
cgaggnggtc tcttgagcca gagtggtgct agacagcagt ccagctgggtg gaaagggact     120
tatggagaga aaaagaaaag cgatgtagaa aaattgaaaa gaggtacaga nacagctgga     180
ttggttacag ctcggtgttt gccttatttt gaacagggtt tgaacagttg gccacctttg     240
gttgctcaaa acttgggtgat tggcacanga gtangttaca gtctgtttgc acatccnttt     300
aggttgcngt tcaactgtgta cagagaaacc tttaggctga acttaaaacg ngtnaggaga     360
cagctttctg cttgatttaa cagtatcacg ggtgtgtgtt gngagggtang gaggtggggg     420
cncttnantn cngtctncta ngntgtgtc aacntctggt gcagtatctg tgcnnnttgn     480

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atctnctgga	ancnctnate	taacngactt	ggntaccang	ntnnencttt	actnantggg	540
tnnangggcc	acccttnntc	ttatttnngn	tggcanaanc	nttcccnttn	ggtnnctngg	600
naaaactnttt	atgtggctct	ttgntgnnan	aaganntggc	ttttttnggt	ntgnttaang	660
gttnnctnttt	tgnaaaantt	gctcttttgt	nnntntgttn	actaaacccc	ttttttntaa	720
cccttttana	nnngntnaaa	acnnttttaa	tcnttccnat	gnnnnnaann	nttntngggg	780
cnet						784

<210> 4687

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 4687

ggtatagatc	attctacttg	ttcnttctnt	atgcaggatc	ccatcgattn	gaattcggca	60
cgagaccac	ttaggtggcn	ccaatgnnga	cntncagann	gnacagtncn	ttnatnnatg	120
gggnngtgan	ngcntntata	tcataaatct	caagaggnc	tgaganantc	ttntgctggc	180
anntcntgca	nttgtngcca	ttnaaaaccc	tgctgatncn	agtgtnatnt	cctacgggaa	240
tactggccag	aagggtgtg	ctnaagtacg	ctgctgccac	tnagccact	ncaattgctg	300
gccncttnan	tcttggaacc	tttactaacc	atatccaggn	ancntttcgn	gagccanggc	360
ttnttngngt	tactgaccn	atggntnanc	accagctct	nactgangca	tcttatnnta	420
acctncctac	cattgctctg	tntaacacag	attctcctct	gngctatgtg	nacatngtca	480
tatccatgca	acagcancgg	gagctnactc	agtgggtaan	gatgtggngg	atgctnnctc	540
ggcaagtctc	tcncatgccg	tggcancatt	ttccatgaan	acccttggga	gggnaatgcc	600
tgatcttnna	cttnnacana	aaatcnttga	ngnaaaattg	cnaaatntan	taaaccngnn	660
tntcttgntt	gngaaangcn	natgaacnca	ttggaangga	attttcangg	nnttaantgg	720
ggntttnttt	anccctccnn	nnanannnnn	g			751

<210> 4688

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1383)

<223> n = A,T,C or G

<400> 4688

cccnncnnnn	nnncnaccn	ancccnnnnn	nnacnanc	nanacngcna	anaannanct	60
nnccnannan	cnnanangnn	ncncaannnc	aancncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncnnn	cntcnanaaa	cacngacnnn	nnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnnggggnagg	annnggcccc	240
gttttttctc	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnnnnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgacgat	cnccaaancn	ntggggaanc	420
acatcnncna	caacnancnt	nnccccnana	agcctnangn	ccacnacnaa	cccccnnaa	480
ncganaacac	ancccttana	accnaacnca	aanacanacc	caacnannang	acaacngnnc	540
anncnagcac	cancnatncn	nncccgga	antnnngca	naccaaagna	caccagcnan	600
ancgnancc	caaacacaca	gataaacnnc	nanagnntcc	atngcataan	cgggaannngc	660
accatnctnc	naancaaann	nncccnttna	nccanananc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

```

acnacacagc ccgcgccaaa cccttaaccc tncaanacca ttancnagac ctaacncnaa      840
canncngnac ggncaccann nncacnccna tagaccnag nncnncanac cggagnaanaa      900
cnntcnggnn tanananaac aancaccaac nataangcaa cngcnagna cccnaccaca      960
tnncccnctc anannnaccc nnacacgcga ancaccgagc aacannctgg gcnataacnc     1020
tgcacaccnn ccgccatagc gacaaanacn ttgcanngn nnnaaancan nncgagcanc     1080
cccgnccctnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac     1140
atanngggna ncngcnanag agggcaaann gncacaaaac cnaaaacata ctctnnaaac     1200
acacaaaggc cncgcacaaa anntnncaen nncananacn catcgagac caccannaan     1260
aaccnnnggg acgcgcacca ntnnttccan ananagnann naccnccca ttacgagcga     1320
taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa     1380
cgc                                                                    1383

```

<210> 4689

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 4689

```

ctngttcttt tttcaggatc ccatcgattc gaattcggca cgaggatcag atggtttaac      60
tnttgnggca gnngcgagaa anctntgatg atngangaca nntttttaag aaagcaagaa     120
anaaagatac tatgggggtca agtgtaactc catggaaatg ccacgtntgc tcttcagtga     180
anaagctggn tnanagtinn acngaaaact tttgactgta tntatttatt gntgcaaaaa     240
agacgctttt atattgcngc cctcatttgt cacctaagna tnncttctta taaaatccag     300
ccccggatnc atataancat ctgtanctna tcatgattcc tgntgnaaaa gtcancnacg     360
acctntagan gncttttctt nctatgaaag gagctgctat gncacatgtg cacacnccgc     420
acaactgggn atnaacaatg agtttattgn ncntgggtgga ccaaaattaa gcttgcntaa     480
gggttgngct aantggacct ggactacaga ctctgacgcc ttgaatataa cagtacaatt     540
tggcnatttc tetgaancag gctaaactga gtaaaatctn tttgaaggng tcctnggtgt     600
gaacatttgc cnngaagcta attagnnct ntnngnatth naaattcaac ctntggngtg     660
gaatatgaaa ccanntnaa acggagataa ctttttctcc ccncanaaan tnaacnttgn     720
gntccntaaa cctttttagg ggatncnaaa ncnttnnnnc cnc                          763

```

<210> 4690

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4690

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gnnnnnnnntt tgananccat cnnttttaaat ncattttgct actngttctt tttgcaggat      60
cccacgatt cgatcagtat gaactcttaa aacatgcaga agcaactcta ggaagtggga     120
atctgagaca agctgttatg ttgcctgagg gagaggatct caatgaatgg attgctgnga     180
acactgtgga tttctttaac cagatcaaca tgttatatgg aactattaca gaattctgca     240
ctgaagcaag ctgtccagtc atgtntgcag gtccnagata tgaatatcac tgggcagatg     300
gactaatatt aaaaagccaa tcaaatgttn tgcacaaaaa tacattgact atttgatgac     360
ttgggttcaa gatcagcttg atgatgaaac tcttttctct tctaagatng gtgtcccatt     420
tcccaaaaac tttatgtctg tggcaaagac tattctaaag cgtctgttca ggggtttatgc     480

```

ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4691

<211> 1197

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1197)

<223> n = A,T,C or G

<400> 4691

aggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cncctttaa	60
naanttaagg	ccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacnt	aantntatta	cncatagata	ctcaattncc	ntctctagna	180
natnnnngga	tcttntcgg	ctntnnance	ncctacta	ttactnctna	aacgtncenn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnc	ntctnctnate	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattantt	aactatctnc	tnnttctnnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnncntcn	ntnattanna	600
nattnttaca	nntctccct	ncanctnnnn	nattntatan	tcttnttnc	nnttcantnt	660
anatnttntn	nctancnntc	nntaattcaa	nattnatntc	atentcnnnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaanttna	tcncatacna	cncnnnctn	tancnnata	780
tnactnncnc	anttcnntnt	natctctnnt	tnacacactc	cnngantat	actnntnaca	840
cttcttatat	nntntacntg	tnatacactc	tnnactnana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	ncntnntat	accatncacc	aatcacttan	tntatncatc	960
tcannacanc	tcacatatn	actcatcnc	aatatgtctc	tataatnntn	catctactca	1020
ntcannnnna	ctctntagat	atatnctata	ctncanenta	tatntatcna	ttcatctaca	1080
nantanctcn	catctnttgn	ncatatacna	aattgtntct	catatntntt	tctctacan	1140
nccttatctc	gatnnttatc	ntgtancnnc	nntntatcta	nataatnecat	atcacat	1197

<210> 4692

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4692

nntnancccc	nacngctttt	cntntccaat	nncctaaac	anaaaggggc	tggggcnnag	60
cnnagaacac	atacaganan	anacancnaa	gngnctaggt	ttttcacctt	tttnacacnn	120
aaancancac	gnncogagtn	ncgcagaacc	ngcgcnncna	gcnnncngan	ncgcnnangn	180
ncncngangg	ctagagcccn	nnnngnnaga	ggcancaacn	aaccatcacc	anngccaan	240
cncatncnan	tcngananga	ganagcaaca	ccctgnatnc	naacaagaac	ccanaantan	300
aanccannaa	gtnanaaann	aganccatca	nncgaanacc	catntnaccn	cccanagnn	360

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cnnnnanctn anagnccagn accnnacnnc caancecnnn cgacnaaaen accnctaca      420
nncgaatnecg naanntccan gaccanctca nncntentcn annngcnctc nnncanntnn      480
accennaant gccanncnan tccccananc nncntncca aacntnanc ccaacccata      540
gccanccaag aaccnncaaa cnnctnecgnc anntegatnc ncatnccac cnetgcgnat      600
acgnntnanc acntcaccaa ncacgcaaaa accnnannnn nncanaccga cnggacancc      660
tcnctacgcc nangnaatcn nccnccact cactcacctn nnctacntac atnagtnaaa      720
nanccctcat ctagaccaga acnncacta tctacnactn annctnnana gacacagnca      780
caatcntnan actnacacga tcncanacac cccaactccc ncagcaaang ctnncnatca      840
ncnactcatn cnactctnta ctaaactgcn nnntcacagn gcgnaccana annngcnata      900
nacatncacn naaanacgna ccnncgatnt ctncactann acncaagtnt cnnntcnntn      960
nncactcaan cacnctanga nnnnatgagg tactcgnaga aatctcngcc catagncnca     1020
cacannancc ccctacgcac anntccnccc                                     1050

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<210> 4693

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4693

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caaacngctg gctacttgtt ctttttgcag gatcccatcg attcgaattc ggcacgaggc      60
taagtattct aggatctaca gttatgggtc ttcattgctc aaaggaagag gagattgaga     120
ctttaaatga aatgtctcac aagctagggt atccagggtt tgtgggtctt gcaacccttg     180
tggtcattgt ggccttgata ttaatcttcg tgggtgggtc tcgccatgga cagacaaaca     240
ttcttgtgta cataacaatc tgetctgtaa tcggcgcggt ttcagtctcc tgtgtgaagg     300
gctggggcat tgctatcaag gagctgtttg caggggaagcc tgtgctgcgg catcccctgg     360
cttggattct gctgctgagc ctcacgtctc gtgtgagcac acagattaat tacctaaata     420
gggccctgga tatattcaac acttcatttg tgactccaat atattatgta ttctttacaa     480
catcagtttt aacttggtca gctattcttt ttaaggagtg gcaagatatg cctgttgacg     540
atgtcattgg tactttgagt ggcttcttta caatcattgt ggggatattc ttgttgcatg     600
cctttaaaga cgtcagcttt agtctagcaa gtctgcctgt gtcttttcga aaagacgaga     660
aagcaatgaa tggcaatctc tctaataatg atgaagttct taataataat gaagaaagct     720
taacctgtgg aatcgaacaa cacactgggtg aaaatgtctc cgaagaaatg gaaatt       776

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<210> 4694

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4694

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ntnncatac agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagc      60
acattttcct gttttcttcc aagccctcca cagtgttcca acctctgccg gttaccatt      120
tccaaagtca cttccacatt ttcgggtatc cttatagcag caccctactc taccagtacc     180
aatttactgt attagtccat tctcatgctg ctataaagaa ctgctcaaga ctgggtaaat     240
tataaaggaa ggagggttaa ttgaccacag ttctnagggt tcgcaaggcc tcangaaacc     300
tacaattatg gtggaagggg aagcaaatgc cctacttcac atggtggcag gaaggagaag     360
aatgagaacc aaatgaggga gangccctt ataaaaccat cagatcttgt gagaacttac     420

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tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctagggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagattttggg	tgggaacaca	540
gccaaaccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgcagggaaa	aaatgttttt	ttgtgaaa		768

<210> 4695

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4695

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
acattttcct	gtttttcttc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aattttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aaatgaggga	gangccctt	ataaaaccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctagggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagattttggg	tgggaacaca	540
gccaaaccat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgcagggaaa	aaatgttttt	ttgtgaaa		768

<210> 4696

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4696

ntantaaatc	ccttgctctt	gttctttntg	caggatccca	tcgattcgaa	tnccggcacga	60
ggacccggcg	gcgcggacag	gcttgctgct	tctctctcct	nngactcacc	attncaganc	120
agaamntgaa	aaaatggngg	anctcaccca	ggtaanggat	gatgaagtnt	tnatggctnn	180
tgcatactat	gcannanttn	tncttntgna	aatgatgcnt	atgagtactg	taanngnntt	240
ctatncattg	ncaagaangg	ntnttgncaa	tncatangac	tgtgtagcat	tcggcanagg	300
agaaaatgnc	aagaactatc	ttcgaacaga	tgacanagtg	taacgggtac	gcagagncca	360
cctgaatgac	cttgaaaata	tnattccatt	ncttignaatt	ggcatnctgt	attccttgag	420
tgggtcccag	ccctctacag	cnntcctgta	ctttagacta	tntgctggag	cncggntcta	480
ccacaccatg	tgcataattg	acaccccttt	cnnatccaaa	tatagctatg	acttttttttn	540
gtaggatatg	gannactctt	tccatggctt	acacngtgcn	gtaaagtaaa	ttggccctgt	600
gcagaaaaac	attccactca	gtnttccaan	tggcttntta	aggaattctn	gaccttgcaa	660
ttnatantgg	agnnctttcc	ttaagattta	aagggttgan	ggngagccnn	aggaattntn	720
aaccnggggt	aaaccctttt	tgggaatttt	agcmttgnca	anaa		764

<210> 4697
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 4697

ttaantaann	ctntntcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gcggggcggc	gcagcccgag	ctcccgagc	cggaagaagc	gccatctccc	gcctccacca	120
tggagccac	cgcaccgtcc	ctcaccgagg	aggacctcac	tgaagtgaag	aaggacgtga	180
gtaacgcagc	tgtgcccagg	gcggggcggg	gcgggctgca	gcccagcggg	agacgaaagc	240
ggaagcctgg	agtccgagga	caaggaggat	cctccagggtc	ggaggagcgg	aaagtcctag	300
cacaggagga	ctgtggcgag	ccctgcaccc	gagggacctt	ggtggcagtg	atcctccagt	360
gatctgtcaa	tccagggttt	acatcgctaa	acgcagagct	tgggctttgt	tgccaagtgg	420
tgttttgatt	cttgcccact	cctcacccat	ctcctcatgc	tttcccccca	actgggttct	480
tggagatgct	tcgttaggga	ctggcggtct	agattcatcc	ttaagtcagg	ctgcctaggc	540
tgctcactca	gcctagagcg	aagctgtacc	aggtgaagga	tccaagcag	tggaccaaaa	600
atgtgaaact	cttttgcata	anggggcttg	aggaagctca	acagctgaaa	gcacaacctg	660
gaattccctt	agtnagcaga	cgcccacata	tttaaattgg	ggttggggga	atgaatacnc	720
gtactgagaa	taatgtncag	gtaa				744

<210> 4698
 <211> 1224
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1224)
 <223> n = A,T,C or G

<400> 4698

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atcgtttcga	atnccgcneg	agacgacacg	cttctgcagg	tgaanggcac	gcggcgccca	120
cggtttcttn	nagctgngnc	gtatgaagct	ggatggngnc	nntgnggana	angtagngct	180
tgatntgcta	ataagaaatt	tcttggaata	gagactagct	ctcaacgcac	ccnccgngnc	240
ggncggcttc	cnngcnncn	gacaannanc	tcgncaggng	ccngnatnec	gancantnct	300
cncanaacaa	gggcgctggc	gccaagaata	gacaangngc	ggcatggcca	acnaanacgg	360
tggectnecg	ctggcaanga	angtgaagaa	ggcngtcann	ncnaagnnta	nccaaantgn	420
cctatgncn	naatgttgag	ctctntnaaa	attcnntanc	ttnttnnnan	tgnnnaanta	480
ncncacanca	ggttttcatt	nnacncanta	ntanntnctt	nnanganctt	nnmcattagn	540
ccatntctnt	tacattnaat	tccaatncng	tnntggnttg	nnccgccact	tgcttctnt	600
annctgcnn	nettcnncn	cgncantnnn	ngactgtnat	cnttngtnnc	tactcttnt	660
gcattncntn	cntatcaacc	ccaattgccc	nntnmaatta	ancgcanttc	tcctcatctg	720
ncatnccctc	netantattt	actcgnntct	acnanttnac	ccaccgtntt	tannngctnt	780
ntntntntaa	cccnctctn	antccnaca	tacgcnatnt	tttacacacc	tncttntctc	840
netcnggcta	tanngacccc	ntacattatc	tcctctcanc	tcnatacnc	gtcnccttat	900
cngngntatn	ctnttctatc	gcgncnnate	nnacggcttc	acatnttnng	netcancnt	960
nnatnnantc	tacacacttc	tcnntcatan	tgtctcaaaa	actngnanc	actcttnact	1020
tnnaganaat	tntatctnnc	catactcatc	tnntcatagc	gaatctntnt	acntctggta	1080
tcnncnctct	gttagntngg	acacttcttc	tngtctcttt	nmcntatnaa	ccgntatgtg	1140
nggtntattn	tcncaatncn	ctntntccan	ntttatcatt	nggtttcccc	ctntngccnn	1200

atantgggng acacantngn tnnt

1224

<210> 4699
 <211> 803
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (803)
 <223> n = A,T,C or G

<400> 4699
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 gaattcggca cgaggcaacc ttgcctcctt gggttcaagt gattctcttc cctcagcadc 120
 ccaagtagct gggactacag gcacgtgccca ccacaccag ctaatttttg catttttagt 180
 agaggcaggg ttcatcatg ttggccaggc tggctctaaa ctctgatct caagtaatct 240
 gccactttg gcctcccaa gtgctggcat tacaggaatg gagccaccgc gccagcctg 300
 atttcttttt ttaggtcttg tcaggaaaga tattgattct tttgattcgt gaacatgggt 360
 ttgggtcgtc tttaatttgt ctcatcagt cctccatgtg tttttgatgc ctttgaactg 420
 gtatttttaa aatttcaatt tctaattgtt cattatagaa acacaattgg gttttatata 480
 ttggcattgt attttgcaac ttctctaaac tctactagtaa ttctagtagc tttttttggg 540
 agattcttaa ggattttctg tgtaaatagt catgtcattt gtgaataaag ccattttttt 600
 ttctttttca aattttgtgc cttttatttc ttattcttac catatcacat tggcaaagac 660
 ctncagtatg atattgaata aaagtgggtg gagaaaaaca nannttatnn tnnnnnnnnt 720
 cnnnnnnnni ncnntnnnct ncnanccctc ccnnnnnnnn nnnnnntcct tacnnnnnnc 780
 nnnccccctt ttaaanttnn nnn 803

<210> 4700
 <211> 770
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 4700
 ggngnnnnnc ntttgaaatc tntatacanc tacttgttct ttttgcagga tcccatcgat 60
 tcgaattcgg cagcaggttc gtcgtggcaa cgttgctggt gacagcaaaa atgaccacc 120
 aatggaagca gctggcttca ctgctcaggt gattatcctg aaccatccag gccaaataag 180
 cgccggctat gccctgtat tggattgcca caggtctcac attgcatgca agtttgctga 240
 gctgaaggaa aagattgatc gccgttctgg taaaaggctg gaagatggcc ctaaattctt 300
 gaagtctggt gatgctgcca ttgttgatat ggctcctggc aagcccatgt gtgttgagag 360
 cttctcagac tatccacctt tgggtcgtct tgctgttcgt gatatgagac anacagttgc 420
 ggtgggtgtc atcaaagcag tggacaagaa ggctgctgga gctggcaagg tcaccaagtc 480
 tgcccagaaa gtcagaagg ctaaatgaat attatcccta atacctgcca cccactctt 540
 aatcagtggt ggaagaacgg tctcagaact gtttgtttca attggccatt taagtttagt 600
 agtaaaagac tggtaaatga taacaatgca tcgtaaaacc tttagaagga aaggagaatg 660
 ttttgtggac cactttggtt ttcttttttg cgtgtggcag tttaagttat tagtttttaa 720
 atcatncttt ttaatggaac aacttgacca aaaatttgtc acagaatttt 770

<210> 4701
 <211> 756
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 4701

ttncatcagc	tcttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagggagga	60
cgagggaggag	gacgacgaag	aggaggagga	ggaaaaggag	gtggaggagc	agcagcagca	120
gctgcagcag	ctaataatgtt	gtacttattc	tgtgctgggc	aaaattcttg	atatttttca	180
tgtactatit	aagcctcaca	aaaatcttat	gatataggaa	atgcttggtt	ccatttgga	240
catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgctc	agggtagtct	gtccagagtc	300
tgtattttta	ctactgctgn	gttgctctcc	attgcatagt	gacttcacgt	gtatagggtg	360
ttttatcatg	cgaggaaata	tttgagtata	aactgtatgt	ggtacaaatc	atatttttcc	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgcagag	cctaactcat	cccatttccc	tcctgtcac	540
ttttcatttt	taggatttgc	atcttcatat	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaatat	tagtttttaa	acatctttag	caccgtcttg	gtanccttat	tcctttcttt	660
ttacctagac	agttttctct	aggacaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccaccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4702

tttnaannnn	tcangctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggtgtcaaa	tttcttgtca	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	tgtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaaacatca	actggaaaaa	cctttcagcg	240
aaccatttca	gctcaggaca	cgttagcgta	tgccacagct	ttgttgaatg	aaaaagagca	300
atcaggaagc	agtaatgggt	cgagagtag	tcctgccaat	gagaacggag	acaggcatct	360
acagcagggt	tcagaatctc	ccatgatgat	tggtgagttg	agaagtgacc	ttgatgatgt	420
tgatccctag	aggaacatgc	ccagcctgag	aggagtcaag	acacaatact	ggatgctcag	480
caccttcttg	gaatcagaat	ctcgaacctt	ttggaagagc	ctggagattg	gactgggaaa	540
gctgctgtga	cttgggcgga	tcgtgtatit	ctcaaggaaa	gcatttttaa	gccctagaag	600
gtttgggagc	tgtttggcag	tgggagaact	ccggcatgtg	gatcaactgt	cccgggagcc	660
tggtctatat	gtggattcac	atctctgtgg	agattttcng	aaatgaaccc	gtggcagact	720
tttttggttn	cacgaacntc	cagaatgagc	cttaaagctn			760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4703

gnnnnnnntt	tgananccat	cnnttttaaat	ncatttttgc	actngttctt	tttgcaggat	60
cccatcgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tgttatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaagtgtt	tgcacaaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtcccatt	420
tccccaaaa	tttatgtctg	tggcaaagac	tattctaaag	cgtctgttca	gggtttatgc	480
ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagtgt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcctc	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4704

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 4704

gtnnaganca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagggct	60
attaaaaatg	taatcagtgt	gaaaattcat	gccatctgaa	tcgtacngt	atgtaaggga	120
tttgagttcc	ttacagaatn	ttctgtaatt	tannacttca	agtgacttat	aaatgtatat	180
acttctctct	cacaaangtg	ttaggagaag	gaaaatctna	aatactngct	tgatttctta	240
atttaataac	ataanacaat	tctcataaca	tgtatcacct	aacatgtcac	tttcaactta	300
aaagtctaaa	gagttgangt	ttatntcttt	tcttttaag	ttgatgntta	tggtgggtgat	360
ttccnaaaag	atcagatccc	ccgntatgaa	ggatcttaac	cttgtctttt	agatctccat	420
gagaaatgca	gtacatgtag	cattagccat	atttcttttt	tagaggccta	tgtaggatat	480
ttataacctg	taaaagtttg	atgacttcat	gtcaggaga	aagcaagtaa	ttacctagcc	540
aagccaggtg	ggtgttcagg	ttagtgggtc	acagaaagga	gatgttgaaa	gatttcatat	600
ctnaagggta	aaaacacaag	agaagtatat	agagataaac	atgtaaagtn	taagactgta	660
ccatagtaag	ctaccttoga	agtggcaccc	ttgttattat	ttttctg		707

<210> 4705

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (845)

<223> n = A,T,C or G

<400> 4705

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ccatcgattc	gaattcggca	cgaggnnang	cngttctgcc	nangangcat	ncnccneng	120
anatgccacc	nnntgcntg	ntnaccnna	cgnnncacac	gnctacctgn	gggacatata	180
cttcatgcac	nggttatgnc	cntaccatga	annctactg	acancnnaac	nnngancngnn	240
tggtgannac	atgaataacc	cactgnacna	agaacntant	ggaatgntan	ctnnntatgt	300

ccttnttccn	gnngaaggag	nggacaacnt	ttancaagtn	ncagntccaa	ancnaacnna	360
nccaantata	ntnaaantna	gngctgccan	tttngtggac	nccttgcnan	atnnnnanng	420
ctctctnnma	ccgntngaaa	ttttncataa	caccatattg	nccatgattc	tcattgntgn	480
aagacantca	ttcnatntac	cagatnnatc	ttggngngnt	ntntncnngc	atnngnnnca	540
ctaaaaactg	ntntnctaac	taaataggat	ttntntttnn	ttatacnngg	anaaaatgng	600
agttgtgccn	naactntcat	nngcgatant	tacannaant	tgtacttgnt	aaatctaaga	660
atctaattgc	angacttaaa	aaanangccn	ttagaactat	aggagtcna	nttacgtcta	720
tnccnacatg	nattgatnca	ttcacgactt	ngtccaaacc	anatntntaa	ttcctgaaan	780
taaatgntnt	ntttngnana	anntggaaaa	gcttcncaan	ntntntaanc	ctaaaaccng	840
gntnn						845

<210> 4706

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4706

gcaaccgntg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
aaccttcgcc	tcctgggttc	aagtgattct	cctccctcag	catcccaagt	agctgggact	120
acaggcacgt	gccaccacac	ccagctaatt	tttgcathtt	tagtagaggc	agggtttcat	180
catgttggcc	aggctggtct	caaactcctg	atctcaagta	atctgcccac	tttggcctcc	240
caaagtgctg	gcattacagg	aatggagcca	ccgcgcccag	cctgatttct	tttttttaggt	300
cttgtcagga	aagatattga	ttcttttgat	tcgtgaacat	ggtttttggt	cgtctttaat	360
ttgtctcatc	agtgcctcca	tgtgtttttg	atgcctttga	actggtattt	ttaaaatttc	420
aattttctaat	tgttcattat	agaaacacaa	ttgggtttta	tatattggca	ttgtattttg	480
caactttcct	aaactcacta	gtaattctag	tagctttttt	tggtagattc	ttaaggattt	540
tctgtgtaaa	tagtcatgtc	atttgtgaat	aaagccattt	ttttttcctt	ttcaaatttt	600
gtgcctttta	tttcttattc	ttaccatata	acattggcaa	agacctccag	tatgatattg	660
aataaaaagt	gtgagagaaa	acanannnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnna	720
ntnnnnccnn	nnnaantnnn	nnnnncnnnat	ncnnncnnnc	cncntttggn	antnt	775

<210> 4707

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1102)

<223> n = A,T,C or G

<400> 4707

gggnttcccc	ctnnnaaccc	nttggaaaanc	cncctggngct	ncntgcagga	tcccagcnat	60
ngcactgagc	nntgnggccc	acggcngagc	cntttttcng	cgagacgngc	ccnncanggc	120
nccggggngc	tcgtgctggn	nagccnatgg	gnagcannna	ncncaancgg	cctnccnana	180
ccagagnnnc	anaacgnacc	nagnnngtgg	gcncncccta	ngtcnaggac	anaatananna	240
nnctntancag	ctgntngggc	ncgcannaan	ggnanannnn	caggcccncn	aanntaagct	300
ncnngaanca	cncgntntat	acncccnana	naagnncncn	ngntaacaac	gccaggcgga	360
gcnttcgngg	anananccac	gagngncccg	cctaaggaaa	tggnccgcna	nancagnacc	420
ccgaanaana	gtantngngg	tnnntaancc	gagngaacgt	gacaggcggn	acgcaccgac	480
atngggcnaa	anagaatcgc	ctnggngnca	catcgngnna	cnagnanaaa	cgtncaacgn	540

acanncgngc	accnntnnn	acnngtcana	cgaaacnncn	cncgcatntg	agagcncggc	600
gcntcncctg	caaggggnng	cttcnnnacc	cccgccnaaa	nanttnnnag	aatcccncc	660
nagacgtntt	ataccnnaga	cacnacnng	accnngcggn	gcantagtcg	nanagagagg	720
ctnggtagn	ananncantg	cgncggnntc	ccnttcggcg	cncnanaana	agcccagcgc	780
tntngaannng	tggcncccn	ntgngnncgc	gcnagncacc	cnggtggcga	aaacacnggn	840
angngccnnt	nnnaacncan	nggggggggc	nanaacccgg	ggggaaggcg	tnaccngcan	900
aangnggaaa	acngcccaca	nttnnnctcc	gccnggcant	ancccnnga	acatcgnggn	960
gcannncccg	gcannngccc	cggccaggen	ggcgnnnccc	aggnanntta	cgnaccggn	1020
ncccggnncn	acnncnaggn	ncccnanacn	nnngnacnnc	ngncngggng	gnnacgatgg	1080
ggcnngcnnc	gnnctgccan	ca				1102

<210> 4708

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(855)

<223> n = A,T,C or G

<400> 4708

ggtgcttccc	cctnggaacc	cttnttacag	gcnacttgta	ntttntgcan	gatcccatcg	60
actnaattc	ggcagagg	catancccg	aatngngttt	ttgatgcac	cagtcgtggc	120
attgcaagaa	gtctgtctga	tgaagctcgg	gaagcatttt	gcaatattcc	cttnggctgn	180
gttctgtgt	tccctgctcc	cacttatctt	cccctgggtt	gtgattatta	ggagagagg	240
tntgcaaaga	ctcnntgctg	tgaagaatc	ttttntta	tnntatccta	nagtcantca	300
cttttattcc	aggnagtcat	gctgatctac	ttatccaaag	ccagcnaacc	aggntcatcc	360
taccatcctc	atggaagact	gtgtgtatga	attggagtaa	cagaactgaa	ntacacttaa	420
ncagtgcacg	cactacttcc	cagggtgggg	gccatatttc	tctngtccct	actctgagca	480
acttctcana	gatacgangg	ggctagggtt	ttcccatntg	gggaaatggg	gtgaaagnct	540
gcanatngnt	aaaagcaa	gttngaacca	ncaataaatn	agatnnntcn	ncatngnnc	600
atnnngcact	antnacnnn	ntnganannn	cgtnntnnn	ctncgcnnc	tnngnagtnt	660
cncnnggnnc	tctnnattcc	tcgnnannng	atcngcaatt	ggnannttca	nnatntggat	720
nnacanctat	ncgtgancna	atnaacntac	ntngngngt	acnacnnc	tnactatcnc	780
atacgcgntc	naaaancgat	ntcacgtntn	cacnattngn	anatatacnn	ttntctctnn	840
ttgntctatt	naccg					855

<210> 4709

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4709

tnnnnttta	nttttaatat	actncagctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaacatt	cggactcgag	ataatcgctg	ccttggggag	tgggacttgc	120
ctgagctgtg	cagcgactgg	tggagctaca	gaacacgagg	gtcccaaagt	ccgaagaaat	180
tttctgagcc	tttgtacata	gatgaggcaa	aaacctgcga	gtgccatcag	cctccctcac	240
atgggagacc	ccaaccagc	tgacaatgtg	gagccccag	aacttcagaa	ctgggtggagg	300
cacatgtctg	ctctcctgaa	aagagacttg	gtttggggac	cccacaaaag	gaggggaagct	360
gtagctgttt	ggatgtgagg	agaatgaaac	tacaaaaaaa	aataaattgg	gccaggcgca	420

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gtggctcatg cctgtaatcc cagcactctg ggaggctgag gcggaacggat catgaggtca 480
ggagatcaag accaccctgg ctaacacggg gaaaccctgt ctctactaaa aatacaaaaa 540
attagcccg gcatggtggc acacgcctgt aatcccagct tcttaggagg ctgaggcagg 600
anaaatcgct ttgaaccnng gaaggtagaa ggttgcantg agcttgaaaa ttgcgcccac 660
ttgcaccccc cttaggcgac aagaaccgaa gaacttttgt ctnttaaatt aaattaantt 720
aanttaantt aanttcccaa cctgggggna aaaaanannn nnnnnnnnnn nnnnnnnnnn 780
nnnnnccctt cganccttnt taaaaacttn ttagngggagg tcggtnttta ccgttaaaat 840
ccc 843

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<210> 4710

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1501)

<223> n = A,T,C or G

<400> 4710

```

naggagcaa ggccagggtt tttnncngnn ctaannnann tnnagaaacn acggcttttg 60
nggtttanng gncnaaaaaa ccccncaat gcaggcncca gcagananan aaggagncgg 120
cncggggagg nggnaanana nnnncatana ccngacgaga gnggancacn nntaacagaa 180
gacacaccan aacacnngaa cncancacaa agantcncan acctaannng cgacgaanac 240
ncnacacntn tttttttttc acnaanaana cnnaaannag agngaacgca nnannagnac 300
acnnacnacc acgaggggga gangnacnan agagnggaca acaagagaag aaanaacaan 360
ccaacacgcn cngaacaaca acacccccng acancacaan aacacananc gcaccaaaca 420
ataanatcag aganacacac agaccaacan aacacncaac acnmgcnaaa ancnaacgaa 480
gnaaanncaa acaacnaaan ccacaacgna gancannnac nacacaagna aaaaaatnna 540
nnanaananc aaanncanaa accnaaaaaa nncacanana acananaatn cnnaancnaa 600
ccaancnaca nnannanacc ncacagnant aanaaanaac ngnnacanaa macacagag 660
acanacacac natacnaca ccanacaaac caanancnga canactacnn aanannnnna 720
ncnaaacanc gacanagnna nacaacaaaa gnacacgnaa ncatncncac nanagcanan 780
nacgnataac accgnangag aaagatacnn acatnaanan ctanaaacgc ataccgngcg 840
cgncatanaa nagnacnnan ananataata gcaanaana cacnnaagca naaacaacac 900
angncaacaa naacaaaaag anagaatcnc acagacagng cantnacgca cacaactaga 960
cacacaagng anacaacgac acaanataga taagananag anagnnnnag aaaacncaca 1020
cganacncaa cacgaannac aganannnac cacnnaacac aangagcacc nacancaacn 1080
ananananca ccancnanna nnnaanana gacacaaaca cncnatatac annnaagacn 1140
acnncacaca nagatanaaa naanagncga ccgaggnnaa acaccacgac aggaacanaa 1200
nnncnnacna nananngaaa nngtanangg agggaagcaa angaaanna cacantangn 1260
nggaacacaa anaanancan annnccatna aaganaanna cannaacncc nganaaaaaan 1320
ggaaacacan aancanaccg naanaananc mcnnanana nnacaaaanc accntagaan 1380
cncanaanac ngaacnaaac acaacnnnan canacaaccg aatnaaannn ncancacaaa 1440
tgnntnanac caaaganaac nanancannn caaaacnaca cncncgaagg nttnnaacnn 1500
g 1501

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<210> 4711

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4711

tttttaaaac	ttttaagccc	ttgtgcannn	gcaggatccc	atcgattcga	attcggcacg	60
agaatagtag	aaaggggtccc	cattcctgct	cagcacnttt	cctctctacc	ccccacaga	120
cacacatgct	gacacacaca	tgcnagacaac	acncatacac	acacatgcag	gcactcacat	180
gcaggcccat	gcacacacac	gtgcacacac	atgcaganac	atgnagacac	gcaggcacac	240
atgcacanat	gcaaagacan	gcattgcangn	acacgnagan	gcaacagaga	canacatgca	300
gattcacatg	cacacacaca	tacacacact	ggnccctggt	tttctgtggn	gtcactgggt	360
gccagnaaact	ctgtatatatta	cacctancac	taaaacctgg	gccttaattt	ctctcccgtc	420
cccacccccta	aattcctgat	ggatgaacct	aagaacttnc	ctgtacactt	caagccggac	480
tgacgtagcc	tatggggccca	agnagggtcca	gngccnacgt	tttaatttct	ttntaaaaag	540
ctttaagtct	tgctgggctgc	ggtggntcac	gcctggagtn	ccantatttt	tgngggagcc	600
aaagcngntg	gatnacaacg	ngcactgggt	cgngancanc	ctgaacaaca	tgggggaaaa	660
ccctgggttn	taattggaaa	tacaaaaaaa	atnngcttgg	gccanggtgg	anaggcacnt	720
tgtgaactca	acctccaggt	tttttggggc	canaaagcat	acccccacna	ngcccaattt	780
aatttnttaa	aggggaatcct	tggtag				806

<210> 4712

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 4712

agattaaaga	ggaaagcaga	gactgggttag	gttattatag	tgctcctaggt	aacagttttg	60
gacaagtgtg	ataaatgttg	aggtgggagg	ggtagaggt	tggattcaga	ctctgttttg	120
taagtagaga	agataatgtc	tgctgatagc	ttggatatga	ggaggaaaag	gagaggagta	180
aaggatgact	cagatttttg	acctgtcaat	tgggtgaact	ctgagattaa	attctgtttt	240
ggctatgtta	ggttggaaat	gctgtgtagg	caattggata	tccaagtctg	gacttcaaga	300
gtacaatttg	ggactagaaa	attaatttgg	gagtcattag	ggaataacca	tgactttgga	360
tgagatcacc	tagtacagct	agagaagaga	aggtagcaaa	agacaganac	ctaaggtatg	420
ccagcattga	ngaagtanag	gagaaganga	nccatccnnn	ngactgncaa	ggaccaccca	480
gttgacctta	gaagaaaaat	caggagctgg	tattctggaa	accatcngaa	gaaaatgttt	540
cacaaanagg	gaagtagtat	tgaatgggtg	naaatgttac	ctatatccct	ggnaaaaaaa	600
ccacttcanc	tgctttttta	agtaaagtgt	gatantttgt	actgcaaata	nctttccata	660
ntncttttca	aaacatgnta	ttttnggncc	tttaa			695

<210> 4713

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(998)

<223> n = A,T,C or G

<400> 4713

ggtgnttccc	cctgngaaac	ctttatacag	cctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggn	cacattcann	tntcannttt	tgcancttta	tancaanant	120
catngccgan	acattanntg	nctnnaatag	tactgcangc	ncancatctn	cnnnngatcc	180
ctgtnacctt	gnccctggan	cactcgtnag	ncaagntctg	ntcccagatg	ncntgtaacc	240
atnantncna	nanaananna	tcnagggnct	ntttntttcc	nncaaacaga	tgcnatntgn	300

cnenggetgn	tgtgntgtng	agggcnctan	gcncnggcaa	ctattnnctt	nnangcngaa	360
gtngttacnc	ntnanggcnc	ncttancttt	caatnagnac	cacatgcnn	tgccaaatng	420
tgctctnagc	taaatnnttg	gactntgaan	tanggnncna	anggtnttgc	aataacantg	480
tggatctgna	anaagnctgt	ttggnnngng	acctaataac	ctcancnggg	nggnctcnc	540
cttaacnntt	tantnccnnt	cntnganagt	gattcatacc	aaggtaccca	ngnnnggtaa	600
tanttctnact	cntgngatcg	naantttntc	cnttnnatch	cnttanagag	nggtcgtnac	660
ccangtntgt	tcgcttcgcn	cttnttttgg	ggngaaatgt	atntcccat	ggaancnttg	720
ggggnnccnn	tttgatngcc	gtaatancat	nggaagtcaa	cttggantta	aacgggtgct	780
canttamnct	nagccgaatn	tngtcnttgg	caaacccttg	ccaatacnnc	caattaccn	840
atantngcaa	agnaaatagg	ccnngcatac	cnaagnggga	ccctttataa	attggnnnat	900
ggacttcccc	tttnaagtng	aacnttggnc	ttagcnaaaa	ggcnatnttc	ttgtatgaag	960
ntcgcagnan	tngnatattat	tngggttcta	ngggccng			998

<210> 4714

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4714

cccccccccc	ccnaccnnnc	acccannncn	accccnnach	canacnaatn	nmcgccncan	60
tcacncaccc	cgnntcgann	cnccccnc	taaannccna	ncgcncctnc	cnggntcgca	120
nnccacntt	gaacctttgc	aaanactggc	aaacccgccn	cnaagcggg	ggngggann	180
acacncacnn	canatactan	ncnnccca	tncganaacg	anagnnnnc	cccccaacna	240
ctnaggggca	cctcggggnc	cctcctccta	cgcnaacna	ncacatnacn	ncctcngtt	300
canncnngac	agnancctct	cacnccccac	gcctgctncc	tctcncata	cncnccccc	360
ctcccnatac	gnncgacan	cccacgccnn	nngnannctn	ncatcatcna	cncacngcnc	420
tacacnnccc	acnntnccct	tctngggcgca	ncannnnct	ncatcgccnc	agcncacnct	480
ctnnctcacc	cccatcatna	cctnaancgg	tctactntn	nnccnctcan	ctcacgcnc	540
aaccgncann	ccncccgna	nactncacnc	tcaanncana	tcganccccc	tcncaccncn	600
accnnnnnnn	cgnncncnc	accnnncaan	nnngtgnnc	ccacctcgag	accnnncang	660
cnaatacccc	cgatcancca	ccnctctant	ncagncctnc	ccgncnnnc	ganncacacg	720
angcccnac	acnacagcgc	antncgncac	cncanacang	acccanctgc	ccncagcgng	780
nnnnggncan	aaangnncng	cncncnccta	cantctcca	cccanncnc	ntnancncn	840
tantannacc	aagccagtan	ncncacctca	nctnncgaat	cncanacacn	ccacanacga	900
ccgcaccccc	caacnncagc	actctcacna	cnnngancan	cannntccac	nacactcnc	960
ctcnntactc	tntctcanc	ccccnncta	acngctcact	ncacaancna	ncncncncn	1020
anntagccta	cgccaacgan	acgcacncta	nancctacga	caccmntcac	nacacctcac	1080
cgtacccccc	cngntctncn	ctcnancgac	ngaancgtnn	cacgncanc	acancactcg	1140
agnantcaca	cgnnacacct	ncacgantac	tccgncaccn	nnnanntnac	nccactngan	1200
cgcactentct	cncctaacna	cacnacntac	cncacctcac	nccatatcca	cncctaccac	1260
tcacacanna	ganaagnna	naccgtctc	agcacntact	cactancncc	ncaacncna	1320
ccacancnca	nacgtnanac	cncctcngcg	ctcacannag	cgnctgnnet	gcnnnetccc	1380
gnatannttc	gcacntgan	cacncanacn	tntccncng	ccccacgact	gagcncncn	1440
tctcnagacn	ncanccactn	tcnacacnnc	nngacgcanc	tacngcncca	ncncannnct	1500
nanngacnca	cngtcccann	ccc				1523

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (726)
 <223> n = A,T,C or G

<400> 4715
 gttatnancn gctcttgttc ntgctnctgg atctttttgc aggatcccat cgattcgaat 60
 ncngcncgag tntaggnttg anccattgna cccagccnag gttnttaata nnannnanag 120
 cntgctgntn tnaaaagtga aaagaggcca gntgtggtgg ntactgnetg nggtcccagc 180
 tntccggag gctgaggcat gaggatcatt tnggccagg ctgcaatgca atggcactga 240
 tcacggcttt ctgcancctt aacntgctgg gngggacacg gagtaccctg tttttnaang 300
 aanantgcag agtacnccaa ttgnatatgn tatataannn caactntcnt aaagganctg 360
 tatatnnaat gagtggaanc aaatntggca ncnnttaat ngnacatatn ttgaaactan 420
 agctcnttac acttctttga nctacaacgg gtatatgtcn tacttanatg atgcacaaaa 480
 ggtgcaccat atatatatat gtttntgacg nnggttntga nagagtttca ctcttgcnnc 540
 cannctggag aatgtacnga actganatng gngaaatgtc tccancnggg ngatnnagat 600
 nnactgggct ntcgtggaag aatggtgtnt accnnaaaat ttggagcctc tttaaacnan 660
 tggngaggac ntttacntng gttcccaaaa ttgtngaggg gncntttggn gantttnnnc 720
 cnnncc 726

<210> 4716
 <211> 1554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1554)
 <223> n = A,T,C or G

<400> 4716
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 nnnnnnaag nnnctnatg aactnaataa ganntngctg gtctgaaatn gcctaactng 120
 aataggngct ggggggggnc nncngncnna ggntnatnnc gnttccagtg ntntngnnng 180
 ntctcgann tnnntntaac tatnnntnnn nanccannan anngtcnggg gntnnnnnat 240
 nttnnnnntn natccannna ncacantcc ttctntcan tccnannaac ctctannnc 300
 cantcccta tntcganca gnnnnnccca cngntnnnnn ngtcnnnann nnaancnan 360
 nattcagctn nnacntann ntaacttnc ccngcaanga ncnccntct cctcngntcn 420
 accggcnng nantncnngn tcancannta tntnnntnt nntctatect nnnctntnc 480
 tagannannn nntnctacn nntncaann cancnncca tanantanc cncctcngnn 540
 ctcnntctc anncgngnac tntcnngct ncnnttate tntntcnac nncacncnat 600
 annnntctn anantcenn ttcnacnnc nctnatcnnc antgectann cnnnccnnc 660
 nnnatgtan ncannatnct ntanancngn ngcnnnctnn tcannnnnca cncnnnatca 720
 catntnnctn tnnangann ntcntntcc nnancatcna tctncanctc tncanntn 780
 cnatatccgc nnnnancct ntntacnt cctncatan antanacnnc nctntectca 840
 nnnnnnnntn antcnntatn cnnnannncn ctctctaca cncgcnng cncnactnn 900
 cncnctatcn nnnnaanntc ncanctcatn acctcnctcn tntnnntnc natncatnt 960
 atanacnnc actctctnt gntatnnnn gncntctnc acagtatncc nctntntnc 1020
 ntannancga nntccnncn atataatcac tnnacactnt actcnantn cttactntnn 1080
 accnctctn catecnntc nctctnnnc tcatatntgn ntacntnna ncatctctcn 1140
 cancanncn ntacacnnc natncntann ncanantnnc ntncannncn tcnnctntnc 1200
 ngtnnnctc nactctnca catatatnat ctanctnacn cncnctnnn tnnnnntnc 1260
 tcannnctcn cnnntctatn tgctatacat nncctntta ncantatcca nngccncac 1320
 natanctcan ntatctctn cctntancn cctncntcc tntcanacc cancttactc 1380
 tcttantnnc acnctntncn tcnccnncn tntnatecna acnncncta ntncatecca 1440
 ncnctcgta tancctccnt nncnnnngc cncnccnta ctctctcan ntgnccnt 1500

ntnncaatntc nctntcnnnc cacccttcn cnnccgncnt tnnntnanncc ncct

1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 4717

tttacatata	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgaggtct	60
ctgcaaaaga	cccctccgac	ccgagtgttc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaca	acctggcctc	agggagagag	acgctaccgg	gcttacgcca	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcggggccctg	accgggcgca	ggtggtggtg	cagtgcagcag	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggatttttag	gagagtggaa	aatgcttatc	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatatttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccaccccag	ttctatcata	540
ctccaggttc	tgttgagaat	cttcacggca	agcctgtctt	gttgctgttg	anaatgcgtg	600
gcgcaaaactc	aagaagtctg	taccttggtg	ccaaacctta	ngaaaacctt	tctaatacaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcatcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaaagt	cacaatactt	ctg		763

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(953)

<223> n = A,T,C or G

<400> 4718

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgnng	60
ccngagagcc	gngcncacng	ggcacancag	cgaccttta	ggcnttnctg	cactgncngn	120
cccactgccc	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagngn	gagcgccna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggtctg	cncaggacc	ngcngcacia	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnctgtann	gagaanggnc	ntccncgcan	ctccnaggag	gnaaggcnng	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggncg	ggcccncnag	aaggccccnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaaa	660
ccccccnnac	acnggaaana	cncgcgcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcncncccn	nacnagggnn	acacaaaann	ccngagcgcn	780
cncgagcgcg	hnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4719

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (860)
 <223> n = A,T,C or G

<400> 4719

ttnantnngt cattcctgta ccagctactt gttctttttg caggatccca tcgattcggn	60
gatatngnnn gnctanncaa agtgggaana ncttnccggc tgngaaaaca ngctntangn	120
ccnaanacc ngntttacan gttnaanact ntgtnnnnnt tgagcatgtt nnccnggtctt	180
angnnngtat tnnanngtan ccactttgna gagnggtatc tggcaacttt tcnncttatg	240
gttcaattag ntcengnntg cacantgagn ntgatnatta cttgtgagnt gagctcntgc	300
gttttaccga cttctggctn ggnactgggt ccattagcta tnaanaggcn tttngtnnca	360
taannttcng gtaanntgan ngatctntna agatnccctt ttaattcggt agtantacca	420
ttacgtagnc naatttanga tncnnattcc cnaattttna ncatnnccan ntgtaanatc	480
nntgaattan cagnacnncc nanngccctn tnnaggnttg atttctcgat atttgactnc	540
ntctggngn ananannggc naagaanttn accattggct angnnaaann agngtgntgt	600
tagggtnaaa ntcaccntnt ttttnnacna atcnntggaa cantttacna tcantngna	660
naaaacnnta nnncttttgc ccnatgggan ctntttntta aancnntnc cttttntaa	720
cnnttttttn aaccnttgga aaaaattngn taaataaaat ntngcccttt aaanantnt	780
tcgnaattnn gaatatctta anggcccttt taaaaatatg gncccggtt atggngaaaa	840
ntnattgcca gccantncnt	860

<210> 4720
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (714)
 <223> n = A,T,C or G

<400> 4720

ngtctnttaa cgnctcttg tcnnctact tggtcttttt gcaggatccc atcgattcgg	60
tcaactccat ctgcagtgtt caaggcactg tgggtggcgt ggacgagagc actgctttct	120
catggcctgt gtgtgacatg tgtggcaacg ggagattgga acagaggccg gaagacagag	180
gcgccttttc ctgtggggac tgctcccggg tggtcacatc tcctgttctc aagaggcacc	240
tgcagggtctt cctggactgc cgtcaagac cgcagtgcag agtgaaggtc aagctgttgc	300
agcgcagcat ttccctccctg ctgaggtttg ccgccggtga agatgggagc tacgaagtga	360
agagtgtcct cggaaggaa gtgggggtgt taaattgttt tgtccagtcc gtaaccgccc	420
acccgaccag ctgcattgga ttggaggaaa tcgagcttct gagtgcagga ggggcctctg	480
cagaacacta gcggttgccg caggatctgt gaactttgca atgtggctgc aagggtggtg	540
gtggtggtgg tgatttgggg tagttatttg ttaactatgg cacagtgaac gtagtttacn	600
atcttgaaat gaaacttana tttctgggg aaatgttcan atcagttntg tgaactgtaa	660
atnaaaatac cttttctaca gttatctttn atttctgca aattangaac ctnt	714

<210> 4721
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 4721
 tttcnnngttt aaacnccttt aaaaatntgn nacttngatn nagtntaaaag tnnccctctt 60
 atatattgna gtancncctn taaaacatca ggaaaattaa ggnggtctnt nggggggggtg 120
 atnttcnatn ncnantgaat aatgatccaa gnntcntant angaannaan gcncatatata 180
 nanntantan tactntttgg ntntnnanct antanantct annntactcn ntanatanta 240
 tcncnangtn ngcatacnat ntntccttn nntnmtttac tncattatct ctanatattn 300
 nnnctttntn ntntancatn cntncnanct ttcnnnctta ttnatantnn tttaantttt 360
 tcntntcncet tcncnnnca ttnataattn atnnmttnnn nnnmtnantt ctntcaatnt 420
 ntcnncctc nnnnctcna nctntntncc tnanntnnntn tccantttnc catttantnn 480
 ctannnnntn nntcctntn tntttntnnc tccaanccct ctnttttntt ctcannnttt 540
 nttcnncttn tnttttattt ntntcctnn ncnctcnnnc tttncnnnnc tntctttcna 600
 tantntctnn ccanntctnc atatcttntt nncnccttaa tnttaacnctt nccnctncc 660
 cctcnnanc attttccttc tcccttanant nnnntcctnn tnttaanata tnnnnnttta 720
 tttnnacttn tttgtttgta ctntntntna cncanantca atnacacatt tatcncattn 780
 canatctttc naantcctc nmatncact tnatcacna nctncaatt cctacatnct 840
 ntatnctnac ntcattntn ctccnnt 868

<210> 4722
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1612)
 <223> n = A,T,C or G

<400> 4722
 gtnnctcaaa tcngcagcac gnanaagtnca aagngaagng gcncctctaca tatgagaccc 60
 tnaaacatca ganattaggg ggtctngggg ggccctcnc anntcnnnga atactatccg 120
 ngccctttt nngntnann ntagagannt ggngggnntn nncggngntn tntctancnn 180
 attcnncttt catctctac tcnggggggn nactnnnnac tctctnacan cctcnccttc 240
 nntcnnncc tacctccctn tnnnnntccc gnactnaaca cncntccna cnttctctnc 300
 actcnatann cncncnacnc tcttacnntn nccaccaegt atctcctncc nncnctctct 360
 nnacncttan natntnact cncncnctnn cnttctctata nctcagcnnn tcnactccgc 420
 ccgtcantcn gctacngtcc nncnntctct nnnnangctt cctnnacttc ncnmtcanca 480
 caatntnct catctnncca ctntntntcn atatctctca nccctnacan ntcnnntca 540
 tcnnnacaaa tntctnctc canatccatc tntnnnnan nnaccatntn anntagntcc 600
 nactactntc ccacgtanac ntntctntnt cccnctctc acntnntcta tnatactctn 660
 cncctctcac nctatnanat cnnatancta tcttatcact nttacnaann nccctcacann 720
 ctntccnctc tctctctann accttcacnn ttcttctnat attatntact nntnaccana 780
 tancacacna cncctcccnc ntatanntac acntncacnc actanacnan ctncnctca 840
 tactctantn tctcncntc ttatctntt ctatcatata ntnacnaag tcnctctctc 900
 atntaccnnn antnctncc cactacnct cncctancta cnatacatnc acannnnana 960
 tcanataccn ntctcnatnc nctctctct ctntntntca cncctanattc nntatnccn 1020
 ctatcnnctt cnnnnntgnc tctactnct nccctcncct ctctctctac tntctnannt 1080
 anctnnntct nttctctc ctncacngt accnctcnat atcatntntc atcncctctc 1140
 catanctcg nnacancnta tatctctct ntntncccta nnatncatct nctcnnntnc 1200
 nncatctcat annccnct gtcnancna ngctctctcn actntccanc tctcnnctc 1260
 gcnacngact nntcncnat tctctnttn gactcncct antcctncc cctacnacc 1320
 aacaccanna tactntcnn ntcnctctn aatntcacac acantncann ncacntanc 1380
 ttatctcant tctgntnac catcactact cttctcatct acacatnant nncnctnat 1440

tnctttctaen	ctctentttct	cncntnatna	mnetntacan	gnctctncca	tntctcnccc	1500
ctcctnctnt	ntnmntcanc	nntcacncna	ccantcannn	ctancecgcat	ctatatattatn	1560
ctcatatcct	ctanacanta	tcctcanatc	tcactnctan	nmatancnac	ct	1612

<210> 4723

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1503)

<223> n = A,T,C or G

<400> 4723

ctaaaattgt	ctnctgtaaat	nctntnmnnt	gtacantagg	aacggcnctg	acatatgaga	60
cnccttaaaca	tcnganatag	ggngtctngg	ggggggcgctt	gentancnt	gnanntgact	120
nacgnnccan	ttgaantaan	nctttaanga	nattanggen	ttttncgcgc	ntctcnctca	180
ancctnntat	tncantntaa	canngngggg	gentcntntc	ancatcnanc	ncttntctact	240
tccttttatnn	cttctnctcn	cttcnnacta	cttntactnt	nnctntncacc	nnaccancat	300
tnnantntnc	ancctcctc	ntancnttcn	ctnnncncat	ccnttnnccn	cntcancct	360
ctaacncnct	amnnctcctn	tntnccanat	tcatnccntt	nnttnancct	tntctncctt	420
ntctatcatt	ctacnctatc	ctctcctaac	nctttttnt	cnnctcacnn	tctntntaca	480
ctcnnccanc	nacnnaacca	ccntanncct	ctnnctttcc	tctntantac	ntntcnatct	540
tcnnnccann	tnattctnac	ntantntntc	attnacacnc	tcnnccctann	tatntnttta	600
tctctanccc	ctcantanat	ntcntccatn	ctcaactntc	tcacctctcc	ctctanatcc	660
ncctntntta	gnnactcctc	tgtnnctgc	tantattncn	tatacntctc	cnntcntact	720
ntnttttata	tntacanctc	ntcnnnctnn	cctcncntnn	acncntnaat	acctcatct	780
tatatntnnt	ntcnnnctnn	tatcntnatc	ttananccta	cantnttct	cataatcma	840
nnnactctn	tanntgcaca	tntanactnc	ccnnncanc	tctttatacc	tntnctatac	900
ntcacnntct	ntnantnact	cnatnactnn	catacactca	natncacctn	ntnnnatntc	960
nccatatatn	tntantanct	cntctctcna	tattatatat	ntntctntct	ntnccctnctc	1020
ngnctctcnc	tntatcanac	tctctatncn	caccaactat	nnttcnannt	ncnnnctttc	1080
acnnnntnac	cantcnttcn	nancnctatc	ntctctccta	tcacttnna	tentaactct	1140
ctcatatacn	cnantcatnt	cnntnncnac	ntctntntnt	ctcncancct	cttntctact	1200
acnnttatct	actcactcta	tntctctnnn	ctctacante	tcnctntcgt	ntccacntta	1260
tctnnnnnca	ctatctctnt	cactctnanc	ntaaacctcc	tccttntnca	tntcaantct	1320
ctatnccatt	tctcaatanc	actcncncac	ncattcctct	ntcncatcta	tctcttnccc	1380
ancctntctn	tctcannnan	tngttntct	atcagnactc	ctatatantn	tatctcnatn	1440
cttnatatca	canncatnnn	cttctcnnac	tcatatnntn	ctntantnta	ctatcttntt	1500
cct						1503

<210> 4724

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1309)

<223> n = A,T,C or G

<400> 4724

cantggnaan	tntcccgacc	tangactagg	tnnaccrnc	angnggggaa	aaaagcccc	60
caganagnnn	gaggtttgga	ggnggggaaa	aaagannnc	ggggggagg	gggggnnttg	120
gaaaannngg	anacgggggg	gcacgnnngc	gngegcacnc	ntntttttt	cncnccccgc	180

nccntttnttt	tecccncc	gcncggagt	nncnngnagn	ggggggnggn	nnnnaganaa	240
ganggggggg	gggaanannn	gttggggngg	ggggggncna	gagngggggg	gncnggcnga	300
nannangcnn	gggggggggn	gagcagangg	angngncaa	ggggngngng	ggngngngga	360
ggnanagcan	gngaggggga	ggnggaagag	ngnggagagg	gnagggnagg	ngngngngng	420
ggnagnancg	ngngaggnag	nanaggggaa	ggngnagngg	ngggggggng	angaggggga	480
cgnnnnnggn	ngcngagna	gnngggngng	ngnnanncna	ngncggngga	ngnaangnna	540
nggnngnggg	cnngcgnaaa	gagngganaa	ngggagngcg	ngggggggcg	gngngancgn	600
ggnagnangg	annngggcnn	gaganggnga	gngngngngg	gcgaangggg	nnnggngngg	660
ggngnggggn	cgagagnggn	ngngngngng	cangtnaaag	gnnnagggna	gaannggnac	720
acggaccggn	ngnggaganc	gnggacgaaa	ngnnnnagac	gngnggacga	ganacgcgng	780
gnanngangn	ngggntgggg	annagaggag	cgcgngagaa	cgncnnng	gaganngang	840
gagngagagn	gnggnacggg	nnnanngcgn	gcaagagaga	gacgagngac	gcggagngng	900
agagagagag	acngaggaga	gaganmnaag	acngacggag	agcacggcgg	aggnnnncgc	960
gacgacagag	aggnaggacg	naganaggng	anncgannga	gagggncnca	ccggaannac	1020
gngagacna	cnnagngngc	gaggaacacg	gngcgcgana	ggaggagaac	ncgngangga	1080
ngacgncgng	nancggngga	cacgnangcg	ngagaganng	agagagggac	gcacgaagnn	1140
cggaagagcn	ganggggaaga	nnannancga	gngngagaa	cgagngagc	anaagggagg	1200
anggggtcaga	ngagaganag	cacaancgng	agaggnngan	nnaggacgac	ggnggagaga	1260
gaancangng	ggnagaagnn	cngancagga	agggcgnggg	nagngcgc		1309

<210> 4725

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4725

aaaaaaaaaa	aaacccccnn	gggggnnanc	ccctnctaaa	aaaatnnagn	nacctnctgn	60
naagggcgna	aaacnnnnnn	ccctcnnanc	aanatnncag	nnccccccct	aaaaaccatc	120
cagggaanaa	ttaaaggggg	cgtnccnttg	gggggggnnn	nnnnnnnnnn	nnnnnnnncc	180
cnnnnnnnn	nannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnccccnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nccccnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1140
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nccccnnnnn	ccnncnnncc	nnnnnnnnnn	nnnnnnnnnn	1359

<210> 4726

<211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4726
 nnnnnnnnnnn

10

<210> 4727
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4727
 nngctctnncn attnnntgng gnetttgctcg ntaccnncnan ncngngggna atcgattggg 60
 cccgaggtng atnnatgnat actactcctg cgcgtcagtt ctcaacttttt ggggccctgc 120
 cggctggatn acngtacanc ctaaannngg anctnctacc tggccctcta cangcagatn 180
 atcanncngg acaagctagg ctgcncgcgc acggcgctgg agtactgcan gctcattctg 240
 agtctcgagc cggatgagga cccctctgc atgctgctgc tcatacgacc acctgncctt 300
 gcngncccg aactactagt acctgatecn cctnttccan aagtgggagg ctcatnnnaa 360
 cctgtncag ctcntaatn gtgccttctn tgttccactg gcntatttcc tgctgagnca 420
 ccagacanac ctncctgagt gtgancagag ctatgccagg cagaaggcct ctctcctgat 480
 acagcangcg ctcaaccatgt tccctgnagt ccttctgccc ctgctcgagt cttgcaagtg 540
 tncggccnga cggcagngtt nacagtcacc gctncttttg gacccaatgc tgaaattaag 600
 ccaaacnct gcccttgacc canatggtna accttgtacc tttggnaagg tcacactttt 660
 ttnttgaaa aanaaccng gcancnnttg ancttggctg gaaggaaaaa cgtccccgan 720
 gatcttcaaa gcaaatggat gccggggaac ccaaaccctg gnaagcctgg ggagaaacct 780
 gggggaaag 789

<210> 4728
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4728
 nngctctnncn attnnntgng gnetttgctcg ntaccnncnan ncngngggna atcgattggg 60
 cccgaggtng atnnatgnat actactcctg cgcgtcagtt ctcaacttttt ggggccctgc 120
 cggctggatn acngtacanc ctaaannngg anctnctacc tggccctcta cangcagatn 180
 atcanncngg acaagctagg ctgcncgcgc acggcgctgg agtactgcan gctcattctg 240
 agtctcgagc cggatgagga cccctctgc atgctgctgc tcatacgacc acctgncctt 300
 gcngncccg aactactagt acctgatecn cctnttccan aagtgggagg ctcatnnnaa 360
 cctgtncag ctcntaatn gtgccttctn tgttccactg gcntatttcc tgctgagnca 420

ccagacacnac	ctncctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tccctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tnccggcnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag	600
ccaaacnoct	gcccttgacc	canatggtna	accttgtacc	tttggnaagg	tcacactttt	660
ttnttggaag	aanaaccnng	gcancnnttg	ancttggctg	gaaggaaaaa	cgcccccgan	720
gatcttcaaa	gcaaattgat	gccggggaac	ccaaaccctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

<210> 4729

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1064)

<223> n = A,T,C or G

<400> 4729

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atttttgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	cottagggcc	cttctcatag	ntgttccctna	tgcccatgac	tggaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgnngt	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nanccttcac	caatcngntc	annnnnnntnn	360
ctcactcnna	cccanccatc	cnannmntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaaccncat	caatnnnttt	nntnnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tcncaactntt	tcatactcnc	nattactctt	nnncnctacn	ctcatcacat	acncnttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtcntct	600
atcnnctntn	aagncntntn	naatnnntntc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggtatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnmttat	nacnttttta	tanctcnnan	tntaaacngtc	840
ntntctnna	tcntnctntt	tcganatctc	nnacantntc	tntntatnct	tnttcttctn	900
ctntaatatc	nantcatctt	agtctcnnaa	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttntntancat	annacnmcac	1020
ctanatnant	cctctaantt	aacttcatct	nctntntact	annt		1064

<210> 4730

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (915)

<223> n = A,T,C or G

<400> 4730

atnnanancn	tanaancata	acnattnnnn	tatantnanc	ntnnnnncnt	tttnmcnata	60
ctnnnnntntc	cnnnnnntttt	ttaagcnttc	taaatgcttg	gcaatcgccn	cctantannng	120
gcntggngat	ncgcnccagn	acctgctata	gtnngnnnac	nnaccacacc	cttncannaa	180
atcttaacaa	gggggngggg	ataaaanaaa	aacntccaca	attaccttaa	aagggactct	240
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanttga	300
atattcttag	aaggggtgtg	tntgtctanc	tgngtctacc	atnggtantg	tattctntgac	360
aagcactnta	aaatacctgn	tnatnnttct	atacattacg	nataatngcc	ataangantt	420

aanctncata	tatntcatca	nccctaattg	aatcannnnn	aaatatatttn	attgcccata	480
anatctaatt	tcaacttatac	tatcccnana	atagtaanac	nactacagct	mnttacnna	540
tntaaaccctt	tnnnanntnn	cacaatatna	tacgnnannc	canttatcna	ttangnnntn	600
naanaancan	aantncaann	atttcctnat	cnaaatcaca	atcttctnnc	naancaaata	660
ntncattccn	accncnnatn	ccncagaaaa	tnnncacctc	ctatcaatat	ancaatntat	720
tnanaccang	nnncnncant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn	780
cnttcnntta	acanatatnt	tcanaantcc	anattncatt	tcaactntac	tacaccnnaa	840
caanacntca	aaatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannacn	900
cantattncc	ntnnc					915

<210> 4731

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1479)

<223> n = A,T,C or G

<400> 4731

agcctcttaa	actncaantt	ntaacttcnn	nangcnaaac	gncnctctat	atategcngt	60
ancnccttaa	aacatcatga	nattatgggg	gtcttttngg	ggngcnnac	taccatctat	120
catcnctcnc	nnntacnang	accccttnta	cnactactnt	cncctctnat	ganngctcc	180
gtctnnnnnn	ctcnntannn	ttatctacnn	ctctcttctc	ncctcncat	nnctnmcnaa	240
ncattcctcn	cctcatatcn	actccctctc	aattcancca	tctatatntc	tnanactntc	300
ancattacgn	tattntacna	cacactctcg	naacncgctc	tnnagatnn	tctctcacta	360
cncnntanca	tnnntcatca	tcanncnata	ntcttcanac	agnncccttc	ctctcengca	420
tctccttccct	ctcatnctnn	cnnattnann	nnctcctac	tcaactnntcc	ctntcncacc	480
nnancntanc	cncncntatn	ntcncccccc	tgcctnmta	ctccctnccc	cnttcatecc	540
cntntccnac	ttntncancn	nnctnnccct	actnnatctc	ntctntatcn	ccccattatn	600
ctnnnnnncc	tangacnncn	nnctntcaat	tttccccatn	ncncncnnnt	tnnccgtnnn	660
ctttcngcnt	ctcncnttac	ccntntnct	annctcctt	nanctcnncc	cncctctttt	720
ncantcganc	nacnncccc	tcnacnatct	ntannnnctt	cnnncnnnnnc	ntatcantcn	780
cctccnact	catccatcta	cnncacnca	ctctanactn	tnnccactnc	ctccactctc	840
tcctctance	tcnctctcan	ntnatccttc	tcctcctctc	attannantn	ancctccntt	900
tnaaatccnt	cacncatact	naccatcttc	nceaacnttn	tcttnnnntcc	nattncatnt	960
cctcccntaa	mntanncaat	ctctctnntt	cactcacanc	tnnacactcc	attctcnnta	1020
nnctctcnac	anncaactcan	cttcnactca	tanactcaca	ctancnntt	tnnntcttac	1080
antccnacnc	ntanatttct	ctccnnntnn	atcacanaac	cacatctatc	tactatctta	1140
tcaactcctn	tctcaegtnt	ctctctcacc	ntntatnctn	aactctatat	cactcaance	1200
ataactctnat	canatcttgc	tcncacctat	atnctctctc	ncaccctact	cncctctaca	1260
tgtnacatc	ttccntcnct	ntataaccacn	canttactna	ctnnncncan	actngcctnt	1320
acnctactac	actgcantct	ctatctcctc	ncctcgacacn	cncctctngc	nccccactct	1380
cntcttntct	cnnctcnac	tctctctntc	nantcnactc	tcccncacat	ctatatntat	1440
tctctctcct	atctccnctc	ccctcctact	canaccccg			1479

<210> 4732

<211> 1764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1764)

<223> n = A,T,C or G

<400> 4732

cnaccctnca	aaaaattcat	ataccanaca	mntnaggcct	cttggnanng	gcnnccctten	60
naacatnaat	tgcnagtacc	cnccttnaaa	aaaccatcat	gnaaaataat	gggggngtct	120
tttngggggg	gnggnacnna	antcaantca	ancccatnaa	accacnaant	tcnecgnaccc	180
cttaaaccgt	naananatnc	actancanan	nathnccata	gtanancnttc	ctgnnnctnc	240
ncnnacaacc	taccctctan	tnntccccctc	ctattnnmntn	cntnctccca	cnancnnnncn	300
cnentccctcn	cctacatntn	ttccanataa	cncctcacnn	nccctacnnc	cnccacatct	360
ntanaacccc	ancacnccctc	cccacctnca	mncatcnnac	ctactcnact	nnacantecn	420
ccnccctttct	cnnctcnmnt	anttcactac	ctcttnnact	accccaanat	ctacntcccc	480
ctctctccac	ncacanttac	nctctcanca	actnccancc	atnccnccnc	atanacacct	540
naccnccnccn	tnntctcccc	ntaaccaaaat	nacctccctc	nattcatnan	tnatnnnnac	600
cnmctatccc	accncantan	acntcccacc	nnactaactc	caccacctcc	cactactntc	660
tctcctaate	nacnctanch	cntccaccan	ntcantcctn	ctcantctcn	nacacnmtn	720
ntacnatcca	tnnctcnana	ccntctnntc	canacccctn	ctntcaatca	ctnctacata	780
tncccatcnc	tatatantnt	nctctctcat	ctcnatccaa	tcctcncnc	atacanctct	840
ntacatctct	cncnctcatc	actnantctn	ctcnctcnac	tnntntcacn	cnacactnac	900
ntntcacnna	ctatccnaca	ccatacatte	tnctccannn	ctaataacca	catctntaac	960
tacnnccaca	cncancnnc	cnacncccat	acntccctnc	acnncctcat	nnaccaactc	1020
cncnnctnan	catcncncna	cactacacaa	ccatcaanna	nnntccctctc	atannacacc	1080
tnntntntcac	cacntcnntn	tactacact	cactataann	ctctntncan	ntctancata	1140
cctctnnact	ntcnaccact	ctccctcact	cactctccac	natcacntct	ctcacactca	1200
tatcatccnc	tactctacnc	nttaacnctc	ttatcancat	acatntcatc	acttcnaach	1260
cntctntcnc	ancanctanc	atactcncct	mntnctntcnc	actctctatc	cntacanctc	1320
aatccaatc	ccactncnct	catncatntc	ncctcacnan	ctcacctcat	tnactcact	1380
ataannccctc	acctcacccn	acactccctc	tantcccnnc	tctcctactc	acactctcac	1440
tcactctcnc	ctcnacatcc	tcancnnttc	ncanctcacn	ctatcnncna	tatatntcnc	1500
taatcatcnc	ctntcacana	ctnctntcac	actacacnca	ccctnctcan	ctnctnnntn	1560
ccctctctac	tcttctntcc	ancacatctc	tctcactana	cacncatntc	cntccatcan	1620
ancanatcan	anacncctat	acacnntnca	tactctntnt	atcaatatcc	ccntntcaaac	1680
tcnctcttct	tannactacn	ctatcactnt	cnctctcaac	tnctactata	tctcactcan	1740
tctcnmacnc	tacantntcn	ncnt				1764

<210> 4733

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(953)

<223> n = A,T,C or G

<400> 4733

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttnctg	cactgnncngn	120
cccactgccc	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgccca	tggaccacga	240
gtgccnnngg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnngn	gagcgcccnna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggctcg	cnccaggacc	ngcngcacaa	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcntgtann	gagaanggnc	ntccnccgan	ctccnaggag	gnaaggcnng	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggngc	ggcccnncnag	aaggccccnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaaa	660
ccccccnnac	acnggaaana	cncgcgcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcnccccn	nacnagggnn	acacaaaann	ccngagcgcn	780

cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaacn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nnogaanaen	nacggannac	gcc	953

<210> 4734

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4734

gtancnatt	nttttgatgg	netaaatnge	cetaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaataact	nnngntacan	anctatgggc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaanaaaacn	nettgccctc	agccttcaag	cnattatatac	ngctctcatc	180
cctncngnnt	acgncgnnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	gggtantcaca	anctgntn	ccagcnatnc	tnaatntctc	300
ngngacctcc	ngancennnc	ncntnnnnct	nnnangngc	ngncattaca	nncentnanc	360
cactgttncc	ngacctcaac	mntcttacc	anaatgtnt	ncnntgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnacctc	ttcnntance	aananttnnn	480
ntnctngtc	ncanantgt	cncctcattn	nnannnctcn	tgtnacnnnn	tcnnntact	540
anntagcact	atnattatac	ngtnmatctn	tacanannct	ncatnnetan	atnttaen	600
anattccctc	tttngctcac	tttnccatata	cttctcanen	nactctcgcc	gangtctctc	660
gnnatatctn	antancnnt	ntntgnnnna	gcacatata	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntnccatct	nnccacacacn	780
nntagtgcac	atanantctt	cnngangatc	naantctct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	mntcaetnga	ttctntnnnt	annnacaan	acnatacngc	anaatnacat	900
ncnatanann	ctntntcagc	nnncatcgta	tnctntnntn	tnntnecgnc	nnctnctn	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnctnccag	cnngtnannca	cctnct				1046

<210> 4735

<211> 1337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1337)

<223> n = A,T,C or G

<400> 4735

cccnnaaaaa	aatttnnaanc	cccccgncgt	taaaaaance	ctcttaaaaa	aaatttggnn	60
gcctnctgna	ggggggcnaa	aacnnnnccc	ccctcnnanc	annatnnng	nncccccccn	120
ctaaaaacca	tccaggaac	aatnatgggg	gcctncnntt	ngggggggnnc	cnnnnnnnnn	180
nnnnnnnncc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnncc	240
cnncnnnnnn	nnnnnnnnnn	nnnnnnnnnn	cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660

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ccccccnnnn ccccccccc cnnccnnnc ccccccccc ccccccccn cccccnnnc 720
cccccccc ccccccccc ccccccccc ncccccccn ccccccccn ccccccccc 780
nccccnnnn nnnccccnc cccccnnnn ccccccccc nccccnnnn ccccccccc 840
ccccnnnnnn ccccccccc cccccnnnc ccccccccc nccccnncc cccccnnnn 900
cccccccc ccccccccc ccccccccn cccccnnnn ncccccccn nccccnnnn 960
nnccccnnnn nccccnnnn nccccnnnn ccccccccc nccccnnnn nccccnnnn 1020
nnccccnnnn nnncccccn ccccccccn ccccccccc ncccccccc nccccnnnn 1080
nnccccnnnc nccccnnnn nccccnnnc ncccccccc cccccnnnn cccccnnnn 1140
ccccccccnn nccccnnnn nccccnnnn ccccccccc cccccnnnn cccccnnnc 1200
nccccnnnn cccccnnnn ncccccccc ccccccccc nccccnnnn nccccnnnn 1260
nccccnnnn nccccnnnn ccccccccc nccccnnnn ccccccccc ccccccccc 1320
nccccnnnn ncccccc 1337

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<210> 4736

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1312)

<223> n = A,T,C or G

<400> 4736

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ccctnaaaaa aaatttgng gcccccggg ggggnnnnn nnncccttta aaaaaatatg 60
gaggcctctg nnggggagna aacnnncnc ctcnnancat atncaggacc tcctnaaaaa 120
catcaggana aaangggggg ctgggggggg gncnnnnna nncnnncnn acncngcna 180
nnctnaanc cnnananac tnnnnnnnc nnnnnnnnn nnnnnncan nccccnnnn 240
gncnnnnna ccccccccc cccaaccnc ncccccccn cccccnnnn nnnnancct 300
ccccnnnnn ncctccnnnc anccccnc cncnancn cccccannn nccccnnnn 360
cccccccc ccccccccc ccccccccn ccccccccn ccccccccc cccccnnnn 420
caccnncnn nccccnnnn cccccccc cccccnnnn cccccnnnc nccccnnnc 480
ccccnnnnn nccccnnnn ncctacnc cccccnnnn nnnacnnnn nnnnncnn 540
cncnaanna cncnncnn nccccnnnn ncaacnanc nccccnnnn nccccnnnn 600
nccccnnnn nncnncnn nnnnnncnc nnnnnnnnn acnnnnnc nccccnnnn 660
nnnnnnnnnc nnnnnncnc nntncnnc nnnnnnnnn nnnnnnnnn cnnnnnnnn 720
nccccnnnn cncnncnn ncncnnnc cccccnnnn nccccnnnn nnnnnnnnn 780
cnnncnnnn nccccnnnn nnnnncnc nccccnnnn nnnnnnnnn nnnnnnnnn 840
cnnnnncnn nccccnnnn nnnnncnn nccccnnnn cncnncnn cccccnann 900
cncnncnn cccccnnnc ncacnncn annnnancn annnnnnn nnnnnnann 960
ccccnnnn cncnncnn nccccccc nnnnnncn nnnnnnnnc acctncccc 1020
anccccnn nccccnnnc nnnnnnnnc acctnccaa ccccccccc ncaacnanc 1080
cctancann cccccann ncccccccn cncnncnn tcnnntcn cncntcnc 1140
accnanna cncntccc ncannanac cccccccc cccccccnn anccccnn 1200
nanaacccc nacnacccc tncacccc cccccccc ctcanncca cccccccn 1260
cncannccc cncancccc acnnntcnn cctcncnc ncccccccn cc 1312

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<210> 4737

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 4737

gtntttatnc	cngnnetctt	gttctttttg	caggatccct	cgnttcgaat	tcggcacgag	60
gnactaggct	cgcgnntgt	ntntttntn	tntntgatat	tacnccatag	gtttngggtn	120
acnatnaatg	tttgcattnc	tnttnaaagc	ntagctctta	ctaancattc	tttaacaaaa	180
gctaatanatc	nnnanatnat	ttgccatacc	gaaactatct	ncncaaanaa	nactttannc	240
cantatnnna	agctnaagan	ttaganaaan	tacaaaacac	tgctatgagt	caatngaact	300
gctatcattg	aatttgctgc	atttanaatg	acataaacat	actgaacatc	aaaacaatgg	360
natggattta	ttctatanga	ctagccctta	gaatgacata	canttngcga	nttcctttta	420
aaatnatntt	ttacnacaga	ntccatttga	acnaagggtc	tttttttccc	ctcatttnan	480
gggaagacnn	tcnatgtttc	ccaaacnnat	cctccnttca	tactananta	gcaaactgtg	540
gcctcnatct	ccnnttccag	atgctactta	tanatnactt	ttgcataata	acttaaatta	600
gaattacttt	ncttggaac	agtgtcacgg	ccataaaatn	antccanttt	taaaaaaaca	660
nacttcaagn	gcaaattnta	gaaaacttcc	tttaaagaan	taccnaaccc	agccc	715

<210> 4738

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4738

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggtcctg	180
gcactgcagg	ccaggccagg	atgccacccc	cgccctctac	acggccctt	ggggcctgcg	240
cccgtgaaac	tgggtgccagg	gagcactgcc	agcttgccag	tttctgccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttccc	tcttgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcaccaggg	cctgacccca	gagtgggtccc	aacaacccgg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4739

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4739

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggtcctg	180
gcactgcagg	ccaggccagg	atgccacccc	cgccctctac	acggccctt	ggggcctgcg	240
cccgtgaaac	tgggtgccagg	gagcactgcc	agcttgccag	tttctgccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420

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acgcctcagg catgtggtga gaggatgagg gggaggggagc ccacgcctca ggtggagtgg      480
gcagaggtgc aagagagggga tgtactgaag cttcttcccg tcttgccaca gacacttctc      540
ctgccttccc accctgaccc ggcagaaccc accaagtgcc tgtgtgcagc ctctgtgcc      600
tcaccaggg cctgaccca gagtgggtccc aacaaccggt tctcatgccc actccccate      660
cctgcttncc aaaaattgca ctgtgtgcag tttgcaacaa agaathn      706

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<210> 4740

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4740

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cgggnttttaa aactnctaaa tanntgnget tccantaggn gaaaacgtgc acccttaaan      60
atatttnagn ccnccctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc      120
tcagctntan tctnananta tntatanann nnnnnnnann nntacanaag ctcaatatgn      180
natactnct ntacagtna ntatnaenca tantnnctat actacttcat cntcnacaan      240
ntccgcantn ncnanattat tntnttcttc ataatatcca ntatnntctn cattaatcan      300
ttcncatact tttactnate ncttntcttc ntctatactt ntccatncta ntctactnnc      360
ccttctnnnn aaatntantn ntnantnct caatacannn cnntcactct tannnnnnnt      420
ccncatanac antnancctt actnccnnc acccttcnnc aataattctt anacntnana      480
cnctnnnnnt natncatana tcacntcntn anctttnann atcntaccac nnannncttn      540
tactnctnan acnttatnt natcttnttc natatacttc naqanatttc tcnttanttt      600
tactnanact attcancnta ctnatnatnt tectattctc actnaanana tntntnnct      660
caatntcata tntctctnt tntcttntt ctctactan tntncatcat nctnatcta      720
acatntctct cntanannca ctcatnctt tattatnata nactntattn tntctaatac      780
tntantcnat ctctatctnt ntcactnctn atcttnanct ntatatncta tatcatctac      840
tctnccant accntctna acnntatcta ttanncacac atcatctnt ctanactntc      900
tctattntan cntaatctc nncatanac tngttntat cnctnnctnc tcantcnctc      960
nnncanactat actntatngc tntnctac taatactctc tatectnnc tnnanantna      1020
acagtcactc tnatatanta tnttntaca ctcanatcac ctctcnctta nantntcaca      1080
cacatnttat ntataatatn tccatatcac aagcatntac nctntacaca catntantc      1140
tcatactcan ctctanntca ctccacnnat gactctcagt nctaccanct nctcaattc      1200
aatcatnctn canctntnta tcacttnta attatatatn tcttaagtc nanatgtnac      1260
taantgacta tntnaatctn tcatnttcta acntccatat cacatntcta ctatcaatat      1320
atacttanaa tctcaagtct ctanacccc tcaacaccta cgntnctact atatatcatn      1380
ttnacntaca nnnntctata tntcacaac tatatntana nnttanntac nctgntntat      1440
nnanat      1446

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<210> 4741

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4741

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cgggnttttaa aactnctaaa tanntgnget tccantaggn gaaaacgtgc acccttaaan      60
atatttnagn ccnccctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc      120

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tcagctntan	tentananta	tntatanann	ncnnncnnann	nntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnnncnat	actacttcat	cntcnacaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnate	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttcctnnn	aaatntantn	ntnantnctt	caatacannc	cnntcactct	tannnnnnnt	420
ccncatanac	antnancttt	actnccncnc	acctttcnnc	aataattctt	anacntnana	480
cnetnnnnnt	natncatana	tcacntctnt	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatntt	natcttntct	natatacttc	nacanatttc	tctttanttt	600
tatcnanact	attcanctta	ctnatnatnt	tcctattctc	actnaanana	tntntnnctt	660
caatntcata	tntctctctt	tntctcttnt	ctctactan	tntnctatct	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattt	ttntctaatac	780
tntantcnat	ctctatctnt	ntcactnctn	atcttnanct	ntatatncta	tatcatctac	840
tctncccant	accttctctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctattntan	cntaatcttc	ncncatanac	tngtttntat	cnetnnctnc	tcantccttc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatctctncc	tnnanatnta	1020
acagtcactc	tnatatanta	tnnttntaca	ctcanatcac	ctctccttta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	ncntacacac	catnntantc	1140
tcatactcan	ctctanmtca	cttcacnnat	gactctcagt	ncctaccant	ncctcaattc	1200
aatcatnctn	canctntnta	tcacttctta	attatataatn	tcttaagtcc	nanatgtnac	1260
taantgacta	tntnaatctn	tcatnntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanateccc	tcaacaccta	cgntnctact	atataatcatn	1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	nnttanntac	nctgntntat	1440
nmanat						1446

<210> 4742

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4742

tngtaccaat	tatctgctgg	ctanntagcc	taaanagntt	ggctcngggcg	aattcggcac	60
gagggnaaag	cagnaagtaa	tgagcttgct	cgtcagctgg	tagctttcat	tcgtnaaaga	120
gataaaaagag	tgcaggcgca	tcgaaaactt	gtggaagaac	agaatgcaga	gaaggcgagg	180
aaagccgaan	agatgaggcg	gcagcagaag	ctaaagcagg	ccaaactggg	ggagcagtac	240
agagaacaga	gctggatgac	tatggccaat	ttggagaaag	agctccagga	gatggaggca	300
cggtacgaga	aggagtgttg	agatggatcg	gatgaaaatg	aaatggaaga	acatgaactc	360
aaagatgagg	aggatggtaa	agacagtgat	gaggccnagg	acgctgagct	ctatgatgac	420
ctttactgtc	cancatgtga	caaatcnttc	aagacanaaa	atggccatga	agaatcacga	480
gaagtcaaan	aagcatcggg	aaatgggtggc	cttgctaaaa	caacagctng	angangaacg	540
aagaaaattt	ttcaagacct	caaattgatt	gaaaatccat	tagatgacaa	ttcttgagga	600
agaaatgnga	aagatgcacc	aaaaacaana	agctttctac	acantnaaat	ccnannaact	660
ccatcctctt	anaactatnn	gtgagtcctt	nttacntcna	tccagacatg	antancnata	720
cnattgatgg	aacc					734

<210> 4743

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1226)

<223> n = A,T,C or G

<400> 4743

nngggggttna	cncttctaaa	atnttnnnct	tncnntgngn	caaanggggg	cccctctnan	60
natnttcaga	ncncctnaa	aaanattcag	ggaanatttt	gggggggtctt	tttgggggnc	120
tcctttatna	ncnatccann	nataatncatn	nttcnctcta	natgctnann	ncanatatat	180
tcaagatctt	cnctcnct	canctnntct	catanntact	taactnataa	tatcatatta	240
cactcntagt	cttctacca	canccttnnc	tcattttaatn	acncctaant	cactctattn	300
tnccntcatn	tanattnnat	catcatncac	tcttntttnt	nttatctcta	netanancat	360
cntatatttc	tactcaanaa	ttatcnnncn	mntantcana	tcaccnctca	taatnttntn	420
nnnnnnnttnc	cctaanacct	ntactantnc	antctnntn	cnctnnnnn	nnctcctnc	480
tctntntnt	mntantcant	ntcnncnnn	tcnnnttnt	ntnntanac	anccatnntc	540
ttgcnnattt	cnaccnntn	catatccan	cctntanatn	tacatcnct	nttctactnn	600
netncnntnt	ncctnnantn	cttancatat	atttantnt	ntnncanatn	atattannnt	660
tcctnttnat	atntcttact	attcnctntc	cnatattcan	ttctatnacn	tcannctactc	720
anntnnctta	tgntttatcc	tcttatctct	atctntcnca	naantctcta	cactnnnnnn	780
nttatctatc	ntctancact	cttactctat	atctntntat	ttatcactca	ttccacnctn	840
tcctcttntc	tcnatcttat	ncactatcta	cctatatata	tctatntntn	cttataccnc	900
ctatattctn	taatcattca	tanntaccaa	cntacatcat	tcncaccttn	tatacctcat	960
natctatnct	attctactct	acatacanct	catagtcant	antctatctc	anctcctcan	1020
catctcactc	nnnatctaac	ntncantnta	tctatctctc	cnatctatat	tctacnctat	1080
acnacactac	netctcttna	tnnctctnt	atntcnntct	tantattntc	tctanntcen	1140
tatntatnct	catcnacan	atatccatnn	ttgcncnacn	cnannatctn	cnctctctct	1200
nttatctana	ctgntctntc	tacanc				1226

<210> 4744

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4744

gnnnnngagn	gggggnnttt	nnnnnnaccg	aagaacnct	ggaaaccccn	ttgaattcaa	60
aaccatgnnc	acaagctact	tggtctntga	gcaggaaccc	atcgactcgn	aanttnnccg	120
aggggaggag	gaccacnggc	gcccggncag	ccacaccnng	aatggggga	gcancgcncn	180
gggnaggggg	gcccancga	aatgnggca	gnccgnaagg	anaaanacgc	aagganncag	240
agcaggccca	acngnggnga	aagggaanag	cannagccgc	annnggggcc	gnaacgcnc	300
gcacaaaaac	atgcgagca	agagcnccca	tgagagaacng	anggggcccc	gcaaagnagc	360
gctagnmcaa	gnnagnacgn	anaacnncnca	ngngaangtg	gcngcangag	nacnacagaa	420
ancgactggg	nacccaaggc	cagcngaca	acnccancna	aanaccganc	tgnnangcng	480
cagagnanga	actgggatga	aacaaannag	gaagggcggt	ggcgaagagg	ncaactaggc	540
agcgaacaaa	accnccacca	agnggancaa	ggangccang	gngagacgcc	agacgcntnt	600
gccagatca	ggaaacgaaa	gggacnnang	ncgacatcna	nancccnaga	agngaacagg	660
agnnnacgca	agcccnccga	cnanagaagn	gagatgggct	gaacagnnna	nnatgtnatg	720
ngcagnnnaa	nagagnctc	aacgnaa				747

<210> 4745

<211> 1064

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1064)
 <223> n = A,T,C or G

<400> 4745

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atTTTTgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttccctna	tggccatgac	tggaaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancttcac	caatcngntc	annnnntnn	360
ctcactcna	ccanccatc	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tcnactntt	tcatactcnc	nattactctt	nnncntacn	ctcatcacat	acncnttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtctct	600
atcnnctntn	aagncntnt	naatntntc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggtatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnna	tntaacngtc	840
ntntctnna	tctntctntt	tcganatctc	nnacntntc	tntntatnct	tnttcttct	900
ctntaatatc	nantcatctt	agtctcnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttntancat	annacnncac	1020
ctanatnant	cctctaannt	aacttcatct	nctntntact	annt		1064

<210> 4746
 <211> 1471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1471)
 <223> n = A,T,C or G

<400> 4746

ccccnngcac	acaangncnc	anannnnncan	cgannagcgc	ntgcagagac	agcgcgnnna	60
cncnnnnnca	cagccannca	nnngnnanca	cgacgnngg	gcnggagnac	gnagannncnc	120
nnacacnnng	nnngnanaa	nacngnanac	acnnnggna	cgngncnnc	gagnacnnng	180
accncagcga	nagnnncata	nnnngggggg	cnnnagagg	gagatccgcg	cacagnattg	240
ggcantcctt	ttttgggna	aaaccggnt	tgggagaaaa	aacccccatn	acgacagnga	300
gacagaggag	aganngcgc	cnngnaccc	agncacgtnc	gcgacgtccg	ancagccccg	360
acgcnngagc	gaggagcna	gnaacnncc	nccacnnnc	acgcnnaa	acnnnnnang	420
ggggngacga	tataagcacc	ganngcnca	nnatctcna	ntcannann	ncacacncca	480
gcaanngcc	nnngcgcna	nnnaanncca	gnaacnnagg	cncnnanann	nncnanccnn	540
cnannnnngn	ggacnnnnnn	nnngnnnnnn	gcgcannanc	cccgngnnng	nnngngacca	600
nncccgccnc	ncnnnnnnaa	annnanannc	taacaaactn	nnnnnnnnnn	ncncngncng	660
cnnaagnacn	ncaggannnn	cannancan	ncncnannc	accnngncnc	cnnaannгаа	720
gnantcnnc	gnancctnac	ngcancnnac	gnccangcnc	nacannancg	cnanancntg	780
ncgagacata	nncgacgaga	nncantngcn	nntnnncnta	ntntacann	cgcccganag	840
cntcngacag	ncgntncgtc	gacagcntnn	cgcacacnnt	ggntgantcc	ngagncatat	900
agaatcagcg	nnnangcaga	cacnacnag	agnangncan	ctcnacgacg	anacaacatc	960
gcgnngantc	annnggnga	cgantecnaa	nnancagnng	nnctacgca	ganccccacc	1020
ncgaaannna	tnancctann	cagctngcna	nggacanaca	cgcgngngg	cacaagacga	1080
gccagacngc	annacgcgng	ngcncactn	gnctcacgcc	acagaacann	ntacacnagc	1140
gcngcnaga	gcncacacag	nggtnagana	nggncncgc	cntnnatgcc	atgngaacca	1200

cgnagacgca	ccgagacatn	nnacaangcg	ctcgcgcgaga	gncnannncnc	nagacggccg	1260
tatnagnagn	gagncacanc	nanngnnnga	gcagcnnnan	cgcanagnga	gagagcacnc	1320
agngganaca	cgccgtagac	cnnntcngg	ncgcncccgc	ncnggnagca	nntnnnnccn	1380
ntntagacan	ncagcgntgn	nngacatann	gnaccatcat	gtacncagcc	agcnnantag	1440
agntnncan	acggcgacna	gcagcacnnn	c			1471

<210> 4747

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(915)

<223> n = A,T,C or G

<400> 4747

cgaccagaac	ngcctngaaa	tcccacaaaac	gaggagcaan	cgacgcgaag	acggcacgag	60
agcgcgaggc	aacgnccccg	ccattntntn	ccacgctggg	aagaccaaca	ccnccgggag	120
cgcganacag	cacccccacg	gcggangcaa	ncgangaccn	ncggacagca	cncacgggnc	180
gganccaggn	acgcncgcn	cnnngncng	gaaccnggac	cagccaanag	cgcnctgng	240
ccngacngag	nncncnaag	gncganaanc	ccgagcncgc	agaagaancc	ccggggaacg	300
agcngacggg	anccgcaaaa	aggcaccnaa	gacacaaggc	gcaccacgag	gcncggaccg	360
ngnccngca	ngcccganag	ccaacacagg	ncannggnag	ngacgnacag	aaccggaaan	420
caacngccac	acaaaggngc	caaccgnacg	cnacnggggg	gccccnaca	gggnaaagac	480
ccaggaancc	aagngggccn	ggncnanccc	cnggaaanng	accnggcaan	nngggcnnga	540
agaaaaaacc	aaaggccnag	cgaancngaa	acccangcag	ccagagcacg	nanaggnaag	600
cggaanaaa	ccgganaggc	cccaggangg	accgaaagna	ccgngggngc	cccaangccc	660
aggcccaaaa	cgcncagaaa	aaggnnanna	accaaaggcc	cagnnggccc	cgaancaccn	720
nnncagcacc	nagganaacn	aganagaacc	gcgaccaacc	cnanaanncc	ggncaaaana	780
canaanccat	ccncaggggn	gaaggancac	nngccnnncc	ncnanncaaa	nccaaagccn	840
ncacaaangg	ccacaggnc	anagcanncg	nacnacccgc	anacaangcc	cagaanannc	900
ggggganngg	ngccg					915

<210> 4748

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4748

gtttannan	cagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
agaaggacgt	gccgtgccgc	tgggttctga	gccggagtgg	tcggtgggtg	ggatggaggc	120
gaccttggag	cagcacttgg	aagacacaat	gaagaatccc	tccattgttg	gagtcctgtg	180
cacagattca	caaggactta	atctgggttg	ccgcgggacc	ctgtcagatg	agcatgctgg	240
agtgatatct	gttctagccc	agcaagcagc	taagctaacc	tctgacccca	ctgatattcc	300
tgtggtgtgt	ctagaatnag	atnatgggaa	cattatgatc	cagaaacacg	atggcatnac	360
ggtggcagtg	cacaaaatgg	cctcttgatg	ctcatatctg	gtcttnanca	acctgtnttn	420
tgaantcgng	naccncnat	gtgnaaatcc	cctntntaac	ttctcaagnn	tcncnngttt	480
nggncnttct	tttaaggtgc	cctttggggc	cttttctggg	gnaantttta	anaangcana	540
nnngcgnntt	ttaanagggc	tnttttnggc	ccccctnnt	tttnnaaaaa	atttttntnt	600
taaaaaaggg	gggattccnt	tnttttnnaa	aaaanccaag	ggnnncnnc	gggggccaac	660

ntnnnggnat taanaaaaat tttnggnngg tnatancaaa taaaantntt nttttgggan	720
ggaaaatttg naaaaaaann nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt	780
nnnanncnt	789

<210> 4749

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 4749

nnnnnnnnnn

10

<210> 4750

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4750

gagaggnnnn ttttnaanat cagctacttg ttctttttgc nggatccctc gattttnaatt	60
cggcacgagg tcacacgggg ccacatctgc tgggtgccgt cgtgctcctc tgcagcaagc	120
ccagcctggc cattgctgga ggtcctggag cccacagtgc cttggcctta aagagctcac	180
ttgagaaacg gcttgttccg gtgggggtggg ggggtggattg aagactctga gacgagcagg	240
gaactcagaa cactgagtcc ctatttgatg ttaaaatatg accgttaaac ttctgggtaa	300
gataatgaat ggcactatgg ttatactgt ttctgttnta tgggctcttn cagagacgtg	360
aactggaaaa ggctctgcan tgtctgggat tcgctcaatg ctgcagggga gggcaggtgt	420
gaggggaatg gccctggagg gtgatggggc tggggcatcc gatgcagctt tatagtctctg	480
taattaccac ttttaaactt tttattacga aaaatgtcaa ggaccctgga attaccgtga	540
ggtaggcagg ataatgggcc cccaagatgc ccgtgttggtg accccaaga cttttgtgag	600
tgcctcacat ngggaaattg gcctangtca tcttgcancc ccanggaag cccattggc	660
ccttaaagct tganancctt tctgctgga ntttganaga tgccngaanc annanaagnt	720
anaaacccct nggaagggcc ntacttctt	749

<210> 4751

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 4751

gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac	60
gaggtgcgac gaaggagtag gtggtgggat ctaccgtgg gtccgattag cttttctct	120
gccttgcttg cttgagcttc agcggaattc gaaatggctg gcggtaaggc tggaaaggac	180

tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtggggccgta	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtggggcg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcctg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtgggtgn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	540
aggatgcctg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tggaagttaa	ttagctttcc	accaaccaa	tttctgct		708

<210> 4752

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4752

ggnttttnan	tctacanncn	actggctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcttntntg	gncnncnccg	ctattntggn	atcagagnng	ctgggacagt	120
tgntgctnnc	ctnnntnacg	nnagnnttn	nangnatgat	ntctatgtgn	annacatcnn	180
gaannagnct	angaanaatg	ttgacnccan	tgtttnttnn	atgannactc	gaanatncat	240
atatgggnant	aaangcaaan	ctntannctt	gngannngng	nctagtatna	ctcacgcgcc	300
cngcnaagac	cctgctcntc	gcagnannat	acagtatgct	attctggact	tacngagtcn	360
gttcnagcat	aatggattcc	nttgctcgc	tacntgmnnc	aganaatctc	anntnctggt	420
naccaacctn	ncnangnnat	nnccctantt	acgcctcgan	agnatgtgat	atnntaannt	480
gaatnatana	tctgatgnac	tactgacagc	ttctngatgc	ctgctcagga	taatgcctgg	540
ngcatntgac	atcaatanca	acctngntnt	naggetctan	tccttgaang	actntgntaa	600
tgcntacaat	gnttataann	ttgnccatcc	acaatntgaa	aatcaggagc	ttgacngcgn	660
tatnggncaa	caactnctac	ngaacntagt	gaacattgga	tgaatatnnt	aaagcctggt	720
angcnnatat	tnngatn					737

<210> 4753

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4753

tgtacnaamn	antgnggtng	ctcgtncctt	ctcnnaan	nnnngcttgg	cgaattcggc	60
acgagggaaa	gagggaagaa	agagaagctg	gttattttcta	gaggatgtcg	taatctacat	120
cacaggcaga	actgatggct	cagtggctga	gtggccagta	tattgtcttt	ttttttttga	180
gacaaggtct	cgttttgtca	cccgggctgg	agtgcagtgg	cgccatcttg	gcacaacctc	240
cacctcctgt	gttcaggaga	attgcttcaa	tctggaaggc	agaggttgca	gtgagattgc	300
accattgcat	tccagcctgg	gcaacaagag	ggaaactccg	tctcaaaaaa	aaaaaataaa	360
agtgcctttt	aggccggaaa	aaaaaaaaaa	aaaaaaaaaa	aaaactcgag	cctntanaac	420
tatagtga	cgattacgt	agatccagac	atgataagat	ncattgatga	gtttggacaa	480
accacaanta	gaatgcagt	aaaaaaatgc	tttatttgtg	aaatttgtga	tgctattgct	540
ttatttgtaa	ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cnttcatttt	600

atgtttcagg	ttcaggggga	ggtgtgggag	ggtttttaat	ttcccgcccc	gcgcgaatgc	660
cttgggcccc	ggtacccanc	ttttgntncc	ctttagtnga	gggggttaaat	tgcccccttt	720
ggcgtnaatc	atggggcata	acctggttnc	cngtgngnaa	attgnttatt	ccgnnttcnn	780
aatttcccca	nanct					795

<210> 4754

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4754

gagagggnnn	tttcnaatgc	cagctacttg	ttctttttgc	nggatccctc	gatntnaatt	60
cggcncgagg	cncncnctgc	gctccgtgnc	tcaacanggc	atgcnntnt	ctncgtacac	120
tatnagnga	gattnttagg	gactatggtn	nagnanntcn	gtacntgna	aaggggganc	180
tattgcatct	anaaacttaa	tnatntaaaa	ttgactnatt	tagactagac	tcaagaatgt	240
atatgctntt	ggtaattagg	aactctngag	aatanaggct	gctgattgtt	gccatancat	300
gtntacaaa	atngnatctc	tatgggatgt	actggcaant	gtgtcataaa	atgctnctgg	360
gttnattcat	ncattccata	agaaacttaa	taccancnaa	tgcattaaan	ccnnngcnag	420
ttncatnaa	ctgtanctat	gnaacntttg	tttaaggatc	nntctgatgg	tcntntanga	480
gcnatcttag	ntctnagtca	ttggncnat	ccntntnctg	tgagtaccag	nacataccga	540
acttgnntnc	cctgcttcca	ctaantccag	ntgtgaccaa	aatctaacgt	gacatcatac	600
ganangttat	agacanaaga	ctantgagat	ctaananntc	ctgcnttnnn	gnnaaccenn	660
ctacaaaana	ntannatngn	gggaanaatn	ntnttnccct	ttggaccatt	tgncntcaaa	720
atatnngccn	ccngaataaa	nntnaaccnn	n			751

<210> 4755

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(963)

<223> n = A,T,C or G

<400> 4755

cnaannagtg	anngngtcgc	cttgcnaaac	nannnaggcg	ggggcgtctt	ggtnttctag	60
ccttttagaaa	aaaaaaatct	agtcttggtg	aagaaaatgt	tcattttaat	caagctccag	120
tacagcttgt	gtcaagacct	agtaagacca	cctttaatgt	gttcctggat	atgacattaa	180
aaactaactt	gaaaattggt	aggatatctc	cttggtccct	acttttattg	taaaatctac	240
tacatnctta	agaattaaaa	aacgccattt	cagaagagat	gatagtttta	tcttgccaag	300
gaattatctt	cttagtagcc	tatatgggt	tattccaaaa	aaggcgttaa	cctccatcaa	360
aacatctnct	gcgcctctct	ctcagcatat	gctntgatnt	ttgaagngtg	naatagattg	420
gagctatcag	tcacttattt	cnaaaaaant	gtnttctntn	ttcttcatan	cctgtgaann	480
agggataccc	naggnaaagt	tcctttctgc	tgctcctcct	cctttggtaa	tgcttatcct	540
tatggaacca	ctnaacctgc	acaaaaccct	tcnccttaaa	aanccangnn	aanntggcca	600
anttcttnaa	ttangccanc	ttattttate	cccnnggnt	cattaaaccn	aatntcttag	660
gcctggctnt	ggggccttcg	ggggggcctt	ttnggccttg	cnnntngcnn	tnntaaaant	720
ncaggccttn	cnanaananc	anctctntnc	ntctaccgan	naanaaccct	ctcnanangg	780
nccctcttct	tcananaacn	cttcttnagc	tcggagaggg	ncccgaccaa	tttnaaccgc	840
ttctntntnt	ccccnecgt	gtcacctttg	gcttttcnnc	nncantcnnc	catctttntg	900

cnnantnacn nnnnattnt gngngcanac acaacaanch cccaactcca cnetcntgtn 960
nan 963

<210> 4756

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4756

gttttaaatnn	ntcagctctt	gttctttttt	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	aaggcctgtt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	aagattgcct	gattcacagt	tcttctgagt	attggcgtag	gtaattat	180
aagatgtttg	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	atgtagtatt	cttggcaggt	ctagggtttca	taatccta	ttctttgcag	300
cccactattc	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atTTTTggct	360
acaagtaaca	atacctaact	aaaagtgact	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	cagagccaga	gagttacagg	gttgggttcag	cagttcagtt	tcacaaagaa	480
cataagactt	gcttacttta	aagctcctct	gcatgtcagc	agagggctgc	cccaatttta	540
gataccaaca	tctggccaaa	gaagagcagg	gaatgcttct	ttaagtactt	attanggagc	600
aaaacttcct	taaaagtctc	ataggaggtt	tttccttagn	ctcattggat	ctcaatggct	660
cttgcatact	agaaaaaggc	cacattcctt	actctggcat	ttaagtt		707

<210> 4757

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4757

gttttaaatnn	ntcagctctt	gttctttttt	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	aaggcctgtt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	aagattgcct	gattcacagt	tcttctgagt	attggcgtag	gtaattat	180
aagatgtttg	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	atgtagtatt	cttggcaggt	ctagggtttca	taatccta	ttctttgcag	300
cccactattc	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atTTTTggct	360
acaagtaaca	atacctaact	aaaagtgact	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	cagagccaga	gagttacagg	gttgggttcag	cagttcagtt	tcacaaagaa	480
cataagactt	gcttacttta	aagctcctct	gcatgtcagc	agagggctgc	cccaatttta	540
gataccaaca	tctggccaaa	gaagagcagg	gaatgcttct	ttaagtactt	attanggagc	600
aaaacttcct	taaaagtctc	ataggaggtt	tttccttagn	ctcattggat	ctcaatggct	660
cttgcatact	agaaaaaggc	cacattcctt	actctggcat	ttaagtt		707

<210> 4758

<211> 707

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4758
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 cacgagattt gggagtnnta atatngacat tnctgngatg ctnatatatg taatgtctta 120
 attgagattn ctgt nanggc anaaataatt aggctagggc tcttagtttt cattcctatt 180
 gcccaagtnt tgtcaaaacta tgggtataatt ttaatgttac tttaaaaatc catantctgc 240
 tagttttgca tgncttata tgaaaacagt gcagtaagtt gaaaactcag tgtctatgga 300
 attgataaat gtcgatctgg tgtagtatat tttatcgcat ttnccttata taaaaaatgt 360
 ctgcatgatt ncatttttatt tcctttgtaa tttacatttc agaatagtgt attgctatat 420
 ggggtgccaaag attgaatatg aagaacccna gtgtttgtag tattatagtt ttaagcaaat 480
 ctgtgtggng atacagccat nagantgggg cttatataaa ctctgaacat gtaagatttt 540
 gtacagagaa tcnttaactn tataaaattgt atatgancat gtaaactctt taaaatgtac 600
 atnanatact gtattttcatt accttgtgtg tnatagtcta gtcattgcct gtnaatataa 660
 tttattacgt nntctgnagc ataaacccat acatngatga cttannt 707

<210> 4759
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4759
 annncnntnn annantncnt nntnnnnatc nnnntctnnn tncntntnna tttaanntt 60
 tatannnnnn tntnannnnn antnntaatn atgttnntct aatgnnggct nctactcttg 120
 ntgnttgatg agtaccnng gattcnaata cggcacgagg caagttccag tgaaccacaa 180
 gtatggcaaa ncttatccaa ttttatgctn ggggcagtca gnacatacca gtttctgatg 240
 tttcaggcat gagtggggta aataagtgtg accacttaaa gctgntcgtt agcatggaag 300
 acttctccat tctatctttg naaaacagac aanatatgca cttgacatat tagcaaatng 360
 gtncatgaatt atncaactgt ttgctattta ntaaactagc aaatgatgca tgtattntgt 420
 ttttcatgtn ctgggcaata tgagtaaaat ctgtcccttt tccccctnt gaatgaggtc 480
 tnncatgntt gangnaaagt nttgcactat ngcatatant nnggggacac agattttcat 540
 aatntccatt ttttgggggc ttaaggattt nttttttcn ntgtgaaaca gtnataannc 600
 ttanncnata tnatancctn aaatatntac caggaaaant cctttttgga nttttcaaag 660
 ccttnmatta antctanttt ttaaagaaan cncntatggt atattntna aaaggtnttt 720
 ttccccccaa nccttanttt tacctgnnaa nncttgnttn cccntttaat antatnttta 780
 ccaaatntcc cnatttccng ganaatntnn cccttccctnt nccttgaaaa acattgtttt 840
 nc 842

<210> 4760
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(843)
 <223> n = A,T,C or G

<400> 4760

tgancatcatn	tctcaagnag	nctanatngc	cctaachnaga	atngngctng	gggnaattcg	60
gcacgagcta	gcagtaggna	acaaagtata	anaatgacag	cagatgtgtg	gncanaaatt	120
attcanggcn	naagacantn	gaactgaaaa	nnaaagtagg	tcaatctaga	attctataacc	180
caacacaaat	atccttcaaa	aatgaagggtg	aaataaacac	tttttgatgg	acaaactgaa	240
gttgagagaa	ttcgtnacca	gcagacctgt	agtacaaaaa	atgttgaggc	aagtttttta	300
ggcnnaanaa	aaatgatact	anatagaaat	ttgggctnca	caaaggantg	aagaggcttn	360
caaatggtnn	nattatntgg	aancatatga	aagtnatctt	ttctcattnt	caatcccttt	420
tgagaaactg	cttaaagcaa	naatatnnac	naggtactat	gnagncttaa	naacatacat	480
anaancaaaa	tgtatgacaa	aaactactaa	agttnnccan	gantnntggg	gtgtgcctgn	540
ngcncngcn	tgtcttgttn	ggctnanatg	gggacgatnc	attctnaccc	gagcccnat	600
angtcctaac	ctnntntgan	ctgttgantg	gtntcaactca	cncctcctg	ggctacacan	660
ntngaccctn	tcctgnaanc	caaancacct	ctcaaccttc	cncctttctt	cnnancnttt	720
anctgnamnn	tcctttatnc	nccccnanc	ccccccacct	tcctccgnat	cncctctcct	780
gcancctttt	gtccncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann	840
nct						843

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

gntnttnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcacccag	gctggagtga	agtggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcattgaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagccattt	540
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnca	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aattttttt	718

<210> 4762

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4762

gntnttnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240

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ttttctgtaa aaagagacaa ggtcttgcgc tgtcaccacg gctggagtga agtgggtgcta      300
tcataacttg ctgctgcctc agactcctgg gcggaagtga tcctcctgcc ttagcctgcc      360
gagtagttag gactacaggt gcacaccacc acacctggct aattttttaa tttttaattt      420
tttttgtaga gacgggatct tactgtgttg cccaggctgg tcatgaactt ttggcctcaa      480
gcagtcctcc tgctgtggcc tcctaaagtg ttgggattga gccactgtgc ccagccatt      540
gnttttatta ttttttaaag gtttattttt aggtgaagtt tacatatatt gaaatgcaca      600
aatcttaact gtncagntgn taataagttt tattgagata taatntatat actattagtt      660
atatggtnc aataacacat gccttctttg aaagngtcca nnttcaantg aatttttt      718

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<210> 4763

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4763

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aantggctan ttagnttgnc tagctgagcn taatnaaagn nagnaaactt ttataactna      180
ttaatattct gagnnnnncan gngcgccant acnntatncc ntnancttgn atctatgacc      240
atatnaatat anngcataat nccgcttcta tcatgagtan ctactagagg natgcatngc      300
gtgtaatngt gangtaatnc annttacnga aanttangtc ttgcangnat anggntnnnn      360
nactaatatt ttannatata gatatgacat ntgtggaang agcactagag cntgcatctt      420
tnatatgntn nttgntctana tgancagcan ngtatgngn tcaaanttat nanaactcat      480
ncnagtgtct gntcattcga accctacctg atantantct aacttgggaa aaaaaaantg      540
gtctgaatgn tncanntttt aagtgnctat cnccagagtt ggaaataatg ccaanangcn      600
tnggttatta gnttcncaca tgtanngtta ggttttttgg actnntgcna ngcttactan      660
ttggggggaa gaagaattca gaagccttgg aaaggtnggt cngaanttaa ngaaatngta      720
aaanaaagct tggnaaantt ttacccttgg caaggatngn ntngccnn      768

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<210> 4764

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4764

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aantggctan ttagnttgnc tagctgagcn taatnaaagn nagnaaactt ttataactna      180
ttaatattct gagnnnnncan gngcgccant acnntatncc ntnancttgn atctatgacc      240
atatnaatat anngcataat nccgcttcta tcatgagtan ctactagagg natgcatngc      300
gtgtaatngt gangtaatnc annttacnga aanttangtc ttgcangnat anggntnnnn      360
nactaatatt ttannatata gatatgacat ntgtggaang agcactagag cntgcatctt      420
tnatatgntn nttgntctana tgancagcan ngtatgngn tcaaanttat nanaactcat      480
ncnagtgtct gntcattcga accctacctg atantantct aacttgggaa aaaaaaantg      540
gtctgaatgn tncanntttt aagtgnctat cnccagagtt ggaaataatg ccaanangcn      600
tnggttatta gnttcncaca tgtanngtta ggttttttgg actnntgcna ngcttactan      660

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ttgggggggaa	gaagaattca	gaagccntgg	aaaggtnnggt	cngaanttaa	ngaaatngta	720
aaanaaaagct	tggnaaaant	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4765
 <211> 1475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1475)
 <223> n = A,T,C or G

<400> 4765						
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anacctncac	cacncancac	ccaaaanaac	aancnaaaaca	acaacagncc	cctcncacct	120
nnannccnnc	ccncataant	acancctccc	natagctntc	acccacacan	cacacnccnt	180
caacccccan	cancctcccn	acnccccacc	caacccaaan	acntnacnta	annccacccc	240
cacnaaanac	ccnmncaaca	cnnacnaca	cncncanncc	tcacnccaac	ccnccccacc	300
nccncaacen	ancnccttan	canaccccacc	cncaccccccc	ccccaaaacn	aancnncan	360
cnncnacnan	anctcaaccc	nnaccacccc	ccncaccaa	caccctccan	accccanacc	420
cctnanaccc	ccncaaccnn	ccacacncat	cacnnncaca	acatntacnn	cntcacncan	480
caanacnaac	acccaccnca	cacnnacacn	cacatcannn	natgnnctca	cacccactca	540
ntntaccaan	ctaacaacca	cacccatacg	ntatcncaca	canncccaca	acnnacatc	600
acacccancc	ntcmnnaacc	cacnacacn	acacactcca	tacanccanc	ncacancaca	660
ccaannncca	ncaaaaacn	acacaacaca	nanncacaa	cactctctnt	ancnnacact	720
ctaataatcnc	ntaaacatna	cncnnaacc	cacactaccn	caaccatnat	nccatacacn	780
cacacanaca	catcacaacn	cncnccnt	cantctncac	ctacacacna	tnncacanaa	840
cnnccaccacc	ctnntaacna	acacannntn	cacnacncac	accaccacat	acacccaaca	900
netccctcnc	tcnncncaca	ccacaccacc	aaaatcaccc	nnnacaactn	tnncnntnaa	960
tnctnatatc	netccaccac	naatnntanc	cnacacncnc	annctctcac	aacactctcn	1020
cacanatant	ctntccntct	ngantcacac	ancannacaa	ctnncccaca	tctcacannn	1080
cnntannntna	cctntcnanc	caccacacat	cacacacctc	acannnccta	cntcacnacc	1140
anccacacca	cnaaacccca	atncnctctc	canacacaac	acnanacnnn	cctcannnca	1200
tcnacncaca	tnatcacca	ccnaccacnn	aacacctnct	cactacaaca	cncancnatc	1260
acccnacncc	atcacacacc	acncacanca	caccctcacc	acccaanntc	acacactnct	1320
ctccccnctc	tctccaccn	ncnncaatcn	nncaacacn	ncccaccac	accctctacn	1380
ncnctacnn	tatctatcac	caccanacnc	acacatatc	atnnncacac	ntcacctntt	1440
annaacttca	cacaactatc	natncncnnn	tnct			1475

<210> 4766
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 4766						
ggtmnatanc	agctcttgtc	ntnggccnga	tnccngtgaa	natantctct	ctagctcact	60
tgtntaaant	gganagtctn	tnatnatcgg	tatgaaccn	tnaaggagcc	atgtntaccg	120
gnctagctat	actngnccnn	gggaagnccc	tgctgtgtg	nantnccntn	ctgggatnct	180
tnaanagnaa	acnnnacgct	ctcncanatt	cntnagatgc	ncagntagct	tatnagncat	240
gggattgcca	nntgmnccat	ctnctgtctn	anggnctncc	anngcacnng	tttnncngac	300

naacnggncc	nctgtgtaaa	tagnaggcng	agaaatgata	cnntgctgtg	gaannaccaa	360
ccnactatgg	accngaaact	tgctggcnaa	atnaattatc	tncnacaaac	ngnaangtgg	420
ctcngagatt	gatngttggc	tataatatng	aagcccctgc	cctgtgacnn	tgatnctagt	480
gattattgca	tgntcctca	tctgtatant	gaaanncatc	tnattaggna	nagngtttng	540
anacntttng	aaaggncnta	ctggnaattt	acnttanaat	tnnttncat	tgctccgacca	600
caaanttnca	agnttttccn	gncacatttn	nnnacttaan	ggcccnggna	cctggaagng	660
ctttgaaaag	gcgccttttna	aaanngngat	ttagccngnt	tnatttancc	cnttttanaa	720
acnggnmnc	aggncncca	attncnngaa	anntaacctt	tagncctttt	tnaaaacttt	780
ttggggnggt	cngnntac					798

<210> 4767

<211> 1861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1861)

<223> n = A,T,C or G

<400> 4767

nacngngtnn	gtgaggccta	aatagctnnn	ctntngtgta	ttnnngngna	ggtgcnttna	60
tnncgccna	gnntannnnn	nggntnggag	ntnngggngn	nnnctancnc	tatanccnnn	120
nacnnagggg	ggggncnttn	tnnttccttt	tnctnctcnn	ngtgntnttc	tnngnccntt	180
tnncnntnn	cantctnnnc	ctcacgtntt	tnngttcnnn	ccnnantncn	nnnccgncna	240
tcctttnttt	ccnncccttn	cttctnttnc	aancactntn	natatgccnt	atatactcnn	300
nnccgncnac	nctatnncta	tcnccnnnnn	tcnncnctac	nnnctcagta	nttnnctctn	360
nnngnctnnc	tancnctnct	gtctcncatc	atatacncgc	acgtnnnncat	tannccctcca	420
gtcctnnct	ctnactctna	nnnangtctn	tcctctnttt	cnanannctc	tnntnctctat	480
ctnnattang	tnacgntctt	gnnncntttc	acangagmnt	atgncncntt	tgtnctctct	540
nnactcngc	nnccagactt	cnnatntctc	nattnacang	ntcactgcta	actcanctnn	600
atntctctct	ncnnnagcga	acgatnntcg	cannanacag	cctntctgcn	nananacntc	660
gcncntcgtn	tagngcgatc	tnncagttna	ttcttnatcc	tcgtnttgta	ntatntntan	720
gaatacatna	tcntncangc	nncacttanc	amntnnctatg	acnactntgc	tctctgntan	780
cacanangct	ttcnnngctn	tcttacgann	ntgcnnngcgc	anactntgac	tnctctnatgt	840
cgtctctcat	nnatattttn	tnnacatanc	tnnctntctc	ctncantntt	gnctancctg	900
ntgattctct	atatngctca	ctntncatat	acannntngn	anacnattgt	nactcaangt	960
cntcgnnnn	nttctacgct	cnctntgacn	ttccaatang	ganatntctn	tnncacnnct	1020
gtntatncca	ngtccttgan	ccgannatan	atcnnnatat	cgacgacnng	cnannnnatan	1080
tctctcagcg	natacncatc	ngnnctctaa	ncncanactg	ctattcnant	agnnncnttn	1140
tctctatncc	cnccctctan	tacannattn	ggntntmmtc	gctancnttn	tcgntctctn	1200
ttnnntatan	nnnnnagctc	acnnncnctg	cgccatntnt	acntcatncn	nngtctccat	1260
anacatntac	tnctatnaa	ngtaccctnt	ntctctcgan	ancnncnatn	nattgntcat	1320
nanatcanaa	atntnnacnt	ctctgatgac	gcntctcant	atactgncac	tcttcnnatt	1380
attatnnagt	tcatgattct	ntctctcana	naanntcngn	cnnnnctctc	tnaccatntc	1440
nancgntagt	gncatgcanc	tanntcncca	cntntatntg	cgccaccatn	tactctatng	1500
atctccntga	nctatntnan	gnatnatctn	tnnccnnnat	ntcncgtnt	antcnancnc	1560
anacatnccg	tctcatctan	agtctcttan	gancncgna	canactctc	acanaagatn	1620
nntagcntat	taatgatana	nnntcctcna	nnntcctnnn	nnccatnttn	atannncag	1680
nanngactcn	cgacatntna	tcatntctnt	cnnaacnct	nttctannng	tnnaatctnt	1740
gnannctcgt	antcnnnnca	nttctntntc	atgcacattg	cgcanntct	ntncatcaaa	1800
acatactnta	tnctnagacg	actnnagctn	cnatactctc	tcnnctnnan	ctngccnctn	1860
t						1861

<210> 4768

<211> 1522

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1522)
<223> n = A,T,C or G

<400> 4768

ctnttaactn	ctaatacttc	ttcntggcna	cggncttan	tatgngccnc	tnaaaatcng	60
aataggggtc	tnggggggnc	tactcnaccn	nnncncnnc	gncctnatna	nnncctnaag	120
nntgnctttc	cngcncttaa	ntccnccctc	caccnncntn	nccgncgngg	ttttcncccc	180
tctnccctcc	ttncctatn	ctcttncccn	tccctctcct	ntccccccnt	tntcnatntn	240
cntccctcnt	nccntatctc	nccctcccn	ccccccanc	catccttttc	tnnctcccn	300
cnctctcnn	tnccctcacc	ttttntccnn	tccnnnttet	ccctcacnnc	cncnancct	360
acatcnctc	tcttncctnt	tnttctcncc	ttnnacactc	tctatcattt	atcctccan	420
ntantnttna	tcccnnccta	cctnnntcta	cctttccnca	namntcttca	tctttccctc	480
tcactocata	nctnacctna	tcccnacttc	tntaatctct	tcnntcactn	ctcnctcact	540
ctcttntctc	tcnccannn	nttcacactn	tnntnnnctn	tcctntcnan	ntcnttcant	600
ctcanenctc	ctctntntn	tnttctctnt	ntccccntac	nnccctcccta	tcnctctnnc	660
cncatennac	tcctctctnt	ntccaccctc	ctnctctcnc	cnttttatanc	acncttacnn	720
ctcnccnnnn	cncnntctca	ctcactngct	ccatcnctcn	ttntatanat	ccccnctctn	780
tctgatctct	cncctnactt	ccncanactc	tactnacttn	tctnactnt	ctancctctt	840
ctcctcanct	ctcgananct	ntntcncann	tcatntccna	ncttntatac	cancgncntc	900
tacctntntc	cctcacnacc	ttcctctccc	ttcgnatcan	ctcncncct	nctnctcaca	960
ctnnctcact	nactcatnnc	tntnnatctc	nncttantcn	cncncnctnt	cactctctca	1020
natactntct	nntctatctt	ctntcantct	tntcttncnc	actatncact	ccccctctnna	1080
tctaccctct	caccatnctn	tnnaatccnc	tcagntacnn	tctacatcat	tnccntccat	1140
ctcctgctna	cantntcncc	acatctctct	ctnnnnnccn	ttnnactcct	ctcncncct	1200
cctanctcat	cacntccatn	tcnctctctc	tcnnactcta	cncntccct	cnactnntca	1260
nccccnctta	tccatctcnc	cnntctatct	accnactaa	ctctctccct	accnncnttt	1320
cntcctntn	tctncttcac	atcantctac	tactcctncc	tntnctctat	nntcttnctc	1380
ttctnaccat	tatcncctc	ctctnnccct	ncncnntcta	tntcntntac	atcctccct	1440
cacttactct	cacnncctt	nccctctacc	tctctcacc	tctactcnc	ntntctcnn	1500
catactannc	tctcncctc	ct				1522

<210> 4769
<211> 1411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1411)
<223> n = A,T,C or G

<400> 4769

ccncancccc	ccnnnnnaac	ccnnnnccnn	nnnnccnnnc	cnnccnannn	nnnnncannn	60
ancannannn	nnnnncnnnn	nnnnnnannc	ncnnncnnnn	nnncncnnnc	nnnnnnctnt	120
nnnnnnccnn	nnnnnnccnn	nnnnnncc	nnnnnncc	nnnnnncc	nnnnnnnn	180
ccancntann	nntncnnanc	nnncnnnnnn	nnnnnnnaaa	agaagaaggn	nnnnncnnnn	240
nnnnnnnnna	anagaaacnn	acnnggggnc	gcgnnggggn	cncgnttttt	tcccttaaaa	300
annaggaccc	ttggggcgna	cannngcctc	acncatcgtc	nnnganaca	cgagacnttg	360
cgngngnnga	tttttnnaaa	naccgantnc	cncatacnna	cnacgncnnc	ncgnnnnnaaa	420
nnccnnannn	angnangtan	nnnncggaacc	ccnnnnnaaa	ncancncntn	agnaagnncc	480
anncagcact	cgctgcggtg	cctncnnnag	ccgncggncc	aatcaccnac	ngntnnnacc	540

ancnctcnan	gaccagctaa	acctccanan	agccactctg	ancctcctac	ctntnnagac	600
cacngaacnn	attcnancag	gacncannnn	cctcaacacn	acnatcccc	cactgnnccc	660
cctcccagac	aaanncannt	cntnnaageg	ccatcncccn	nnanancnnn	natecnannc	720
annttcntan	ccccatantc	ccccacacac	ccccngnnc	gnncantnac	nnnaacannc	780
nccgtagccc	cnntcctnaa	ccancctanc	atannacctc	tncnnnccct	ctctgcnccn	840
cacaacnnat	nanctncaaa	caanncnnc	ncancacnta	anncnncnnc	ccacaacncc	900
cncgncgaac	atncccnnc	cnnagnaccc	acacataana	naccnncacc	cnactnatat	960
atccacaanc	naancnntn	nnnnccaana	ancccnnat	caacancacn	acnaacannt	1020
cncncntac	nntatcnann	atcannnnca	cccnccctt	annannnnnn	nntnacancg	1080
tanaaaacgn	ganaacnnc	nnncnnteta	acctnnaanc	cacnncnnc	acnncnanta	1140
nccctcngn	anncnnnan	ccnnaccnc	cttnanncn	nncccttna	anacnantca	1200
ncncnacanc	cnnncnnanc	gacncantaa	nncccaatca	nctaaaacnn	ctctcncna	1260
ncnaacacat	cnannacgan	cntccnacan	atncacganc	ncnannaant	cnacncanan	1320
angcntcnac	ntatctnnaa	acnnaannat	nctcactanc	acacaaatct	nncacnanta	1380
ananccnnc	cgnaatcanc	aanataccnc	c			1411

<210> 4770

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1349)

<223> n = A,T,C or G

<400> 4770

ncctntaaaa	tnnnaaaact	nnctttgggc	naaaacnnc	ccctcaaaca	tattcagacc	60
cccttaaaac	atcaggggann	ntatggggnt	cttnngggg	gcnntnnnc	antntcatat	120
cnnatacana	nnccccntnt	ctacacatcn	ctntctactt	annanctctn	nnctcatcnc	180
tgnnnnctat	anntatctnc	tcccactccc	ctacttcacc	tctcncnnn	nctcctctta	240
ccancntat	accncancac	ccaacacnnc	accnccnacc	tancacctat	canntcctca	300
nattctccct	ntctccctct	ccctcctctc	attcctcccn	canctcnana	ccnncnnnac	360
ctcattctac	tacacncc	nctccctctc	cccnacnnc	tctccatcct	ncnccccncc	420
nccttcccn	ttntcnccct	cctannncaa	cactccacna	caccnctcn	tctcctcact	480
cctactcnct	ancncannnc	tcanctccan	actntcctna	cataactacc	ccactcntac	540
nctctncate	cacctcannn	tcacncatcc	actctcntnt	cnctctcttn	nnacctcnca	600
tcnntctnac	acctctnccc	cttctcnttc	taccattcac	tcctactctn	nctnnctcac	660
tctctcatth	cntcnacnt	ncatcaactn	ttccnntacc	ctatcnctct	ntatctntca	720
ccatatecnc	actcncgcac	actctancta	cnctctacct	atactntcnt	ctcatcacta	780
natntntacn	tctctcnacn	cttanmnctc	nactacncac	tctcttctcc	actncancnt	840
anacacactc	cctactncac	ctcacataatn	tnctctcncn	ntcatnatac	ctctnmatnt	900
antcctcntc	tncnncacnn	tnnccctcac	acacactntc	tcacactnac	nctctctctc	960
tcctntctcc	tcntcncnct	atanacctnn	cactctcant	cancctact	accnctcttc	1020
tctcctnctc	cnctntcttc	nanatnnncc	nctctacacn	ccacttacan	naccacacat	1080
cactcctnca	ccctncatcn	ntcncttcac	tanntaccac	nnactcnca	natctcctn	1140
tctntnctc	nntnacnct	caccatcntn	tcctnctcnc	tcacntctn	ccactctcac	1200
ctcnttcana	accataactn	ntntccactc	cnccttcan	ctcctccacc	nacatacccc	1260
nnacncac	tnacnctcc	annccacatt	cnacacntcc	ntcncnccct	tcctttcncn	1320
tcctncccc	tnctntncac	cccttcccn				1349

<210> 4771

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4771

```

gnntttagan nnnncgccnc ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggttatggt gggaggagcc gatactgagc ttcttctctat ttgccatggg cttcactgta      120
taaataaggag aggatgagag cccagaggta acagaacagc ttcagggttat cgaaataaca      180
atgttaagga aactcttata tcagtcagtc ataaatatgc agtgatatgg cagaagacac      240
cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta      300
ctgtggagga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt      360
tgtttctttc tagtgggtctt tgtaagagt tagaagcatt ccttctttga taatgttaaa      420
tttgtaagtt tcagggtgaca tgtgaaacct tttttaagat ttttctcaa gttttgaaaa      480
gctattagcc aggatcatgg tgtaataaga cataacgttt ttccttttaa aaaatttaag      540
tgcgtgtgta gagttaanaa gctgttgtca tttatgattt aataaaataa ttctaaaaaa      600
aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtcggnn ttacntnnat      660
cccggacctg gntaaggata ccattggntg aantttgggc caaaccccca annttгнаat      720
gccntggnaa aaaaaatgcc ttnattttgg ggaaaatttt ggggaaggcn nttnggnttt      780
aatttnggna n                                     791

```

<210> 4772

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4772

```

cggtttnaga atcnancnct acttgttctt tttgcaggat ccctcgatgn ngaattcggc      60
acgaggntac ntgcaatnac catnntggna tcagtncaact anngcctctc ntagaaaaaa      120
ggggaccnag agacnggtnt tcacatntc gcccatgcng gtctcacact cctgagctca      180
ngccatccna ctncctnnan ctaccaaagt gnttccgtna nagncnaact catttttatt      240
caatggccat ngnttctnac acnctnattga natntnagcn naccntannn cagtnttcan      300
ataccacntg gcgnatnnan aaccccnnga tgcnnagaccn tngtgaacca natgctnana      360
tgccattcaa tcaggaagat gccaaaaatg nnctnnttat tntaanataa gtacttaagt      420
nancantatt cagaantgac nmtctcatan ggaagcntnn ttatctnctt nmatnanna      480
nattgttana atcnttnccn ntaatccacc ttnatnnnta cccntttgtt tattaaggca      540
aaagattncn nttatccnnc tannaatgct tcatgaaatc naannntaata tttnttnaag      600
ctantntcca ccattanttn nnnntgtaca tttnttaatn tgnaannccn atcttgtatn      660
aaagaacctt aatnnccaan nnttcctnaa tnatgnttnn attccacctt tanncnatat      720
annccnaact tntcttntct tttnttcncc                                     750

```

<210> 4773

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(979)

<223> n = A,T,C or G

<400> 4773

gtaccnattn	atgtgctant	ctgctcnttc	tttntgcaat	atcccatcga	ttcgaatnng	60
gnacgagccn	ncctggctnc	tgncaggatt	gacnattgn	tagctntttc	tagannnnngn	120
gnatgggtgg	gcatggccga	gtcttagtat	gggtggagcgg	atcatgaaag	cccagncact	180
tgnnggacaa	ctncaccatg	ggctatatga	nggccaaaaa	ncacctggag	atcaaccctg	240
nccaccccat	tgtgggagacg	ctgcgncaga	aggctgaggg	cgncagaagt	gataaggag	300
nnaaggteet	gntnntgctg	ctgctngaag	ccgncctgtt	atcctctggc	tnnnccnntn	360
aggntcccca	taccactctn	aaccgcatct	atngcatgat	caagctannt	ctnngtattg	420
ntgantatna	nnctgncacc	ananganccc	acnncttgca	actnctgatn	agatcccntt	480
tntcnnnngc	naegangatn	catttnntcc	tngaanaagt	ccatntagtc	acttttncnn	540
tccnntntcn	aacctntttc	ttccctanan	cttacntttt	ccnntctntn	ectcnnctac	600
tcgncnattc	ncncatctn	cncctctctc	tcctctcctn	tgnnctctac	tnncccnccc	660
ccnctcnntt	tntctnattn	tacttctccc	tctctctctc	ntnnncattt	tctancctct	720
cntnccntnc	tnttactnnn	ctcncntact	acntcactcn	netccttact	cttnncnant	780
nnnctctctc	ctntnccctc	netctcctnn	tcactnancn	ctctntntnn	ntcnntcnac	840
cncctntctc	nanctcannn	netnnntnca	tcctcatann	ctntctctcc	ttanntnnct	900
ntctctctct	cncctntttn	cncnctcan	tctttctctc	tctctntctn	tctctntct	960
ntcaccntcc	tntctctct					979

<210> 4774

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4774

nntaaatcan	ctcttgncctt	tttgcaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcctt	ntgncgtgtca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctctctc	ctggtnctg	gtggcattna	180
nggttcanac	cancntaan	tgctgggtgt	gttnaanang	tctcacgtgg	ctgcntgtcn	240
tggctcatgc	ctgtntctcc	aacattctnn	naggcccacn	cngtagaacn	gctngagncc	300
angagtnacg	aatcagcctg	cgcaacatnn	caatactcct	tntcataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggetcctga	agctagaacc	angtttggat	acaagattga	420
agatccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nnntntngct	natacnggaa	ngncngctta	attngcnnnn	540
nttcagtcca	aatnnnatac	tntngggacn	ntaacntgcn	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	attcccatgg	cacctntatn	660
naaatccaga	gttctctcga	gncctttngc	tntttatatg	tgtnccaaat	nttaaaccnt	720
nataattatt	gggcntctga	n				741

<210> 4775

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4775

aatcngctgc	ttgctactcg	tgcnatccc	tcgattcgaa	ttcggcacga	gactttatga	60
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gaagaatctt	actgaaaatc	aagaagctct	tgcaaaagaa	atgcgagcag	atgcagatgc	120
ctatagacga	aaagtggatc	ttgaagaaca	catgtttcat	aagctgatag	aagcaggtga	180
aacccagagc	cagaaaactc	agaagtggaa	ggaagctgaa	ggaaaagagt	tccgtttgag	240
atcagcaaag	aaagcttctg	ctctttcaga	tgcgtctaga	aagtggtttt	taaagcaaga	300
gataaatgcg	gctgtagaac	atgctgaaaa	tccatgtcat	aaagaagaac	ccagggtcca	360
aaatgaacag	gactcaagct	gtttgcctag	aacctcacia	ttaaatgact	cttctgaaat	420
ggatccctca	acacagattt	ctttaaatag	aagagcagta	gaatgggaca	ccacgggaca	480
gaatcttatt	aagaaagtga	gaaatcttcg	ccagagactc	actgcccggg	ctcgtcacag	540
atgtcaaacc	cctcatcttt	tggctgcata	gaatgcatgt	caccttgaga	cggctganag	600
agagacctat	tttgcaatca	gtgacattga	tttttagatt	atttatttaa	aattcctatn	660
aagatcagcc	ctttgtacag	aaaaatgtgt	ctataaaaaa	tatgtgttat	t	711

<210> 4776

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4776

tccccatttt	gaatnnancn	agctacttgt	tctttttgca	ggatcccatc	tattngggng	60
nannctttnt	tgnaatncn	ggtacgnnnc	tatgnatcan	gactgnactt	nggtanctnn	120
cttgcccnt	acagnngnaa	ngaangatgg	gctgggtgat	tggcccacct	gggagcaaca	180
tggggcangg	ggagccctca	ccctnagcca	nccagacgag	tgggatttnc	cccagnacan	240
nataccccct	tcacaaangg	accactnaag	tgcttcatta	agcaagtcct	ggatcctgtg	300
cccnccaact	gggtgagaca	ccccaatggg	tcaccntaca	ccttatacaa	nagcatttta	360
ctggcatnan	gtgggtgccc	ctcaangaca	nagatcccan	agganngagt	ggggtctnat	420
ctttgctgtt	nttccatcac	tctttggtga	catnttcagg	tntgggaggg	accagatta	480
gtattggctt	tgaangaaat	tcccanmnat	antgcannta	tncctnncat	aagatgggtgc	540
ctanacttgn	ttataagngn	ataacantna	ngtctacacc	naacnttcan	cccntaaaaa	600
attnccctan	cnaaaanncc	tcaatntttt	aaagggtcna	ctgcttncnc	tttacaagga	660
atctnantgn	tggnttaacn	anacnttctt	tgtaaanatt	ganntaaacn	gggntnttng	720
tatntatann	tcctnctnta	acnantcctn	tgatnaaaang	ggnttctatn	taatcggtgn	780
ttctgcatcn	taaccttctc	naanaaanng	tattctctnc	taatntcanc	cncntttnta	840
ancnnngtca	anacgcgg					858

<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 4777

ccnccccnnn	nnnnnnnnnn	cnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
annnnnnnnn	nagnnnnnnn	cncgnnnnnn	nnnnnnnnnn	gnacnccccn	tanannnnnn	180
nnnnnnnnnn	nnngnnnctg	ncnnnccttt	tcnaaaagct	ggctcctcngc	nactnnncag	240
gcagcccnnc	gattcagaat	tcggcacgta	ggccaagtat	gcagtgtnaa	cggctggnag	300
nntcgagaac	cngagtgtgn	gctctccntg	nngaccnaga	ncgangcgag	agctccaagn	360

anganatgan	tgngacctgc	atgggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagng	nnnancgaac	ngaagagcan	nnaacggnnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccnagagc	nctcacgcn	atnagggtc	atncaaacng	600
agcaccgct	ttcnmntgcc	cacaaaatng	aattgantca	agncacgcn	gacangtgc	660
nanagccnng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannacccat	720
tgctatgctg	ctnaccanmt	cccncttgta	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnggaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacnctnt	ggaatannta	ggngaaaactg	tggttatna	atngtccnan	ntggganaag	960
ggganccana	tnaacttggc	tnaagcncga	atgtnnn			999

<210> 4778

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 4778

ggtgnagtnn	atgtctaata	ctntgnnngc	gnttgctntc	gatgcaggat	cccatccgmn	60
gaagaagctg	cagaagaaat	gaagaaagt	atgatgattt	anattttgat	attgatttag	120
aagacacagg	aggagaccat	caaatgaatt	aatatcactg	tattaaaagt	ctgccgggca	180
cagtggctca	cgctgtaat	cccaacactt	tgngaggcca	aggagggtgg	atcncctgng	240
gtcangantt	cttnaccngc	ctggccaaca	tggcggaacc	ccatcttcac	taatagtaca	300
aaaaattagc	tgggcogtgg	tggctcatgc	ctgtaatccc	agctactcaa	gaggcttgan	360
gcaggaggat	tgtttnaacc	ctgnaggcgg	agattgaagt	gagctgagtt	cgtgccatta	420
cactccacct	gggtgacana	gtgagactct	gtctcaaaaa	aaatanaata	aaaagtcnat	480
ttacaatgtg	aaattctgac	accttttggc	tttgagtatt	ttcccaaaga	tattttgaat	540
ccttantgaa	ggaaattnan	aaaaaancta	tgggaaaaat	tggacnaaat	ttcattnctt	600
gaacaatntt	aaaattgggg	tattatttac	ctttaacant	ccaacntaaa	ccangaattt	660
cagnaattgg	ntgggnnttg	attaannaaa	cntaacctca	tgttnaaaaa	ttaaaaattc	720
ncattanttn	ccttggcctc	naanaaaant	mntnacncan	ataaactecn	ngcccagncc	780
ttttcnngc	cttttn					796

<210> 4779

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 4779

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agcttttggt	cccttttagtg	aggggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttctgtgt	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaatagttg	agctaactca	240
cattaattgc	gttgngctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	goggngagag	gogggttgcg	tattgggcgc	tnttccgctt	360
tctcgctcac	tgaactcant	cnetcggtcg	ttcggtcgng	gcgagcggtg	tcaactnact	420

```

caaaggcggt aatacgggta ttcacagaat naggggggata acgcaggaaa gnacatgtna      480
ncaaaaggcc ngcaaaaggc cagnaaccct gaaaaaggcc cncgttgctg gcgccatnna      540
catangcttc gacccccctga cagcatnaca aaantcgacc ttaagtcnga ngtggcgaaa      600
cccgncagga ctattnanat ccagcgtttc ccctggaact tcctagggcg tttctgtncc      660
acctgcgtta ccgatcctgt ccgcttttnc ttnggaaant nngtttntat at              712

```

<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 4780

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cacaagctac ttgttctttt tgcaggatcc catcgattcg aattcgcggc cgcggcgcca      60
atgcattggg cccggtaccc agcttttggt ccttttagtg agggttaatt gcgcgcttgg      120
cgtaatcatg gtcatactgt ttttctgtgt gaaattgtta tccgctcaca attccacaca      180
acatacgagc cgggagcata aagtgtnaag cctgggggtgc ctaatgagtg agctaactca      240
cattaattgc gttgngctca ctgncgcgtt tccagtcggg aaacctgtcg tgccagctgc      300
attaatgaat cggncacgc gcgngagag gcggtttgcg tattgggcgc tnttcgcgtt      360
tctcgctcac tgactcantg cnetcggtcg ttcggctgng gcgagcggtg tcaactnact      420
caaaggcggt aatacgggta ttcacagaat naggggggata acgcaggaaa gnacatgtna      480
ncaaaaggcc ngcaaaaggc cagnaaccct gaaaaaggcc cncgttgctg gcgccatnna      540
catangcttc gacccccctga cagcatnaca aaantcgacc ttaagtcnga ngtggcgaaa      600
cccgncagga ctattnanat ccagcgtttc ccctggaact tcctagggcg tttctgtncc      660
acctgcgtta ccgatcctgt ccgcttttnc ttnggaaant nngtttntat at              712

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<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

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atccagctct tgtctttgca ggatccctcg attcgtgtgc ctaaggggaag ggaatcagaa      60
ggtggagaga cttgaagttg cactcaagga ggccaaagaa agagtttcag attttgaaaa      120
gaaaacaagt aatcgttctg agattgaaac ccagacagag gggagcacag agaaagagaa      180
tgatgaagag aaaggcccgg agactgttgg aagcgaagtg gaagcactga acctccaggt      240
gacatctctg tttaaggagc ttcaagaggc tcatacaaaa ctcagcgaag ctgagctaata      300
gaagaagaga cttcaagaaa agtgtcaggc cttgaaaagg aaaaattctg caattccatc      360
agagttgaat gaaaagcaag agcttgttta tactaacaaa aagttagagc tacaagtgga      420
aagcatgcta tcagaaatca aaatggaaca ggctaaaaca gaggatgaaa agtccaaatt      480
aactgtgcta cagatgacac acaacaagct tcttcaagaa cataataatg cattgaaaac      540
aattgaggaa ctaacaagaa aagagtcaga aaaagtggac agggcagtg tgaaggaaact      600
gagtgaaaaa ctggaactgg cagagaaggc tctggcttcc aaacagctgc aaatggatga      660
aatgaagcaa accattgcc aagcaggaaga ggctggaaa ccatgaccat              710

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<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 4782

tnctaggctc	ttgttctttt	gcaggatccc	tcgattcgtt	tggtcagttg	caccttctgg	60
gtcactggta	gccgcgggag	ccgggtgggg	cctaggcgat	gatccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaaccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtccatgg	gctgccagat	caacgcacag	gggaactcga	agtcttccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccgag	aatacagtaa	tggacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4783

tttgaatctg	tctctctttn	aaaccntngg	ctncttgatg	tttntgcgga	tccctcgatt	60
gcgaatnntg	cacgagatgg	tgtttncctt	ggaagctgag	aanaatgggg	ctttaatgga	120
acaaatngct	cangaagctg	tttgtnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanaggggtg	tttcgtctat	ttttccagaa	ngccnaagca	gaggaagaag	240
gttatTTTTga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tgttccccat	tctgggtgtg	360
gatctatagg	tttatttagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaaatga	480
tggacactgt	ataatttggg	taagactgct	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctattttn	tgacactttt	atgggtgctg	cactttatct	ttgngntngn	600
tttttgatgg	ggagggaaa	agnactgaaa	tgttttcgna	aatttttntt	tanngtgecn	660
gcttaggnnt	ncttggntn	gactctgggt	tctngaataa	gangagntgn	tcccatatgt	720
ttngnngna	anc					733

<210> 4784

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 4784

tnaattcagc	tcttgttctt	tatgccgac	cctcgattcg	aattcggcac	gaggccaagt	60
atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgtctccct	gaagaccttg	120
tggaaagtaaa	gcccaagatg	gtcatgactg	tgtttgcagt	tttgatgggc	aggggaatga	180

agagagtgtgta	aaataaccaa	tctgaataaa	acagccatgc	tcccaggtgc	atgattcgca	240
ggtcagctat	ttccaggtga	agtgccttatg	gcttaaggaa	ctcttgcca	ttcaaaggac	300
ttttcatttt	gattaacagg	actagcttat	catgagagcc	ctcaggggaa	agggtttaag	360
aaaaacaact	cctctttccc	atagtcagag	ttgaatttgt	caggcacgcc	tgaaatgtgc	420
tcatagccaa	aacattttac	tctctcctcc	tagaatgctg	cccttgacat	ttcccattgc	480
tgtatgttat	ttcttgctct	gttatctttt	gccctcttag	aatgtccctc	tcttgggact	540
tgcttagatg	atgggatatg	aatattatta	gacagtaatt	ttgctttcca	tccagtatgc	600
tagttcttat	tcgagaacta	tggtcagagc	gtatttggat	atgagtatcc	tttgcttata	660
tttgtagtac	tgaaaatttg	cccgaagtaa	ctggctgtgc	agaatgtat		709

<210> 4785

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4785

gmnngntgnc	cggncnttta	tacaatacag	gctacttgtt	ctttttgcag	ggatcccatc	60
gattcgctga	cctcctcctc	agagaaagca	ctggccaacc	agttcctggc	ccctggccgt	120
gtgccaaacca	cagccagaga	gcgagtgccc	gccacacaga	cggtgcatnt	gcantcacnn	180
gcgcggtaca	ccagcgagat	gcggagtgag	ctactangca	cggactctgc	aatgtgagtc	240
accatgaaca	caacatgact	tgagggccaa	ctgactaang	acaagacatg	tattcttgct	300
gccccagggc	cttcatgcc	tggactccnt	gcnnntgantn	naacangagc	atcaccaaac	360
tacnctgna	nnaataccan	gactnatgat	aatggncctg	anangaanca	aagctctgna	420
cantggctna	tacnttgtna	tttncgtagc	tgaagcatgn	ggntcacctn	nnntcangan	480
tttggngacc	aaactnnncna	actntnactn	taacncatgn	cttttctaaa	nnttnaaant	540
tttaatnncg	nntncaacnt	tcncaatntc	tggnnntccc	nanntgctnn	gnnaggnaat	600
ctnncnntga	ntaaaantnt	ttnanacnca	anaaagntgn	agggtttcaa	nntaagcttn	660
aananntant	ncaaattnat	actttntttt	gnntnnnta	ntagnnnnnn	tnanaacnnn	720
tntntttctt	antnatatta	tnatagcnta	atataanntt	atantnatan	ncnatnnann	780
naacgtctan	anntttttat	ntcnntaaan	atttcttttn	naaggntntc	n	831

<210> 4786

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4786

tttnnnngnt	ttannncatt	ttgctactng	ttctttttgc	aggatcccat	cgattcgga	60
ttatagtatt	gacgtgaatc	ccactgtggg	atagattcca	taatatgctt	gaatattatg	120
atatagccat	ttaataacat	tgatttcatt	ctgtttaatg	aatttgga	tatgcactga	180
aagaaatgta	aaacatttag	aatagctcgt	gttatggaaa	aaagtgcact	gaatttatta	240
nacaaactta	cgaatgctta	acttntttac	acagcatagg	tgaaatcata	tttgggctat	300
tgtatactat	gaacaatttg	taaatgtctt	aatttgatgt	aaataactct	gaaacaagag	360
aaaaggtttt	taacttanag	tagccctaaa	atatggatgt	gcttatataa	tcgcttagtt	420
ttggaactgt	atctgagtaa	cagaggacag	ctgtttttta	accctcttct	gcaagtttgt	480
tgacctacat	gggctaatat	ggataactaa	aatactacat	tgatctaaga	agaaactagc	540

cttgtggagt	atatagatgc	ttttcattat	acacacaaaa	atccctgagg	gacattttga	600
ggcatgaata	taaaacattt	ttatttcagt	aacttttccc	cctgtgtaaa	gttactatgg	660
tttgggggta	caacttcatt	ctatagaata	ttaagtggga	agtgggtgaa	ttctactttt	720
tatggttggg	gtggaccaat	ggctatcaag	agtgacaaat	naagggttaan	ggatgattcc	780
caaaaaaaaa	aaa					793

<210> 4787

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4787

naatngcnag	gctcntgctc	tntgngcagg	ancccatcga	tncgaattcg	gcacggagggt	60
tatgagtgg	catngtgaaa	atttggntga	atacagcaan	gtagcaagaa	aatnnncngnc	120
ntatntacta	canttaacct	ntatnaactg	nnnngncata	tgacatccaa	atgttntatn	180
atnacctgg	aaanttanta	tagtntanga	tactaaaaca	gtatgnntac	aaaagtgaac	240
tnnctgtgca	nnntncacag	gnntttattca	tgtgacacta	tatantgcct	anngtcacnt	300
ntcanccang	ttcntctnna	gtgnaantnn	ntcnagncca	tctngcacag	atgctnnatt	360
gactanagaa	tgaatncnnt	gggcgnnnat	acntgggcta	actgcngnna	tngatcattc	420
tananngcac	tnatgnanat	anccccatan	angccggaca	gacggtanac	atacnnanng	480
angcnccaga	tnctttttann	atgnatnatt	gagatttnac	cagtctcatg	tgccccgcgt	540
tntgtgttnn	nctnanacan	gcngattnac	nctgntctag	ncatcttgnc	tnnatcgnga	600
aataatggct	cctgcctcca	tnataatggt	taggagngaa	atgnaannan	ttcgcggtggg	660
cntgctngag	tgcnaaaggc	ctttacnngt	tgngancnaa	ntnggggnagc	nagttntcnc	720
cnnatngtac	gctccccctna	ncaatntccg				750

<210> 4788

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4788

tgnmnttttg	nttcnaatgc	nngctcttgt	tcttttttgca	ggatcccatc	gattcgcgca	60
aactttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggtgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgagaatat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgcaggga	acaaattgct	aagagacgca	gacttttctc	tctgagagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgagtgaaa	aaaatgcttt	540
atttgtgaaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcatttttatg	tttcangttc	anggggagggt	gtggggangtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgagc	ccacttttgg	tcctnt	716

<210> 4789

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4789

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tcggcacgag gagagcttgg gatgtggttaa tgccagccac actcctcaga gccgtggcca      120
gatctcatca tatattatca aaagcacatc agtgccgaag aatcgggtcat ctaatgttaa      180
aaccacttaa ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg      240
atttgttcct tcctgataaa acagctagtg gtttgaataa gtctcagatc ctggaaatga      300
acaaaaaaa gtcagatacc agcatgctgt ctccattaaa tgctgctcgt tgccaagatg      360
aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtg acccacaaac      420
caaatctgtt gggttctaaa tggtttataa aaatatataa gaggcatttc tcatctgtat      480
caacggaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat      540
ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa      600
tgcaactgac agcatttgca acggcagatg agtatcatct gggaaatctg tctcaagatc      660
tggccttcca cggatatgtt gaagtaacaa gcttgccctag agatgcagca aatatttttg      720
tgatgggtgt ggaaaattct gcaaaaagaag gtgatcctgg aacaatattc ttcttcaggg      780
aaggagctgc tg                                     792

```

<210> 4790

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 4790

```

ggtggnggggn ngtanttcta atgctgggnet ctngtctnn nncanganca cncnncggga      60
atnctcanna nncaccttc nagncccttn tngnagttct gatcanggna ttacactctt      120
ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa      180
gctggagaaa aagaaacagc tttcatacag tgcaaactgt ctacgtctat gtaaaagaat      240
ttgagaaaca tggcagtagc cattgctaataaatctgggt atgtgtaaat agtttaactt      300
gatttttgac tctggngttc ggatctattt taagatcgat ggagttaatt gcttcatgac      360
agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc      420
naaangaatt naactctgna aatactgnaa tgacnnntcn ngtnngacnt gttaggcgna      480
acgatanatt tngnagntnt nttccttttg tatngatttg gnnttangat gcanganncn      540
nattttcanc cnagngtggn catnaancct gacganaccn ctantntttt ttaannccctg      600
tattaancac ctagantgcc ccgngngccn aaataactna ngnccacnt cntntaaaga      660
acttctgnna aanntagttt agnccntccn ggccnntaaa ntggggngat gnannaaaag      720
ncngaaaacc nntgtancca cccntantg gngcnnctnn nnctattnnn tcnnnccgnt      780
nnctccntac atatcttnc ctnaaatnct ttgggcntca acnaatccg                                     829

```

<210> 4791

<211> 747

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4791
 nggnngttna tennntgnc agctcttggt ntttttgag gatcccatcg attcgaattc 60
 ggcacgagct cagtaaccca attactagtn ccttttgaag agaccaggct gggaattggt 120
 agtaataata atagctgaca ttaccagggt gctaccacaca tgccaagcat catgctaatac 180
 ttgccagggtc cttctgagtc antgtgaatg gcangagcac cacatgttcc tttntcttca 240
 gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat 300
 tngtataaaa aaaattttgt tactgggaaa atagccatta ctgggaaata gctttgttac 360
 agaaagtcc tcatgtggct gggcacagtg gctcacgcct ggaatcccag cactttggga 420
 ggccaagggtg ggtgggtcac ctgaagtcn gagtacaaga ccagcctggc caacgtgggtg 480
 aaactccgtc tctactaaaa atacaaaaaa attagctggg cttggtggca tacacctgtg 540
 atcccatcta ctggggangc tgaggaggga gaattgcttg aaccgggan gcngacgttg 600
 tagtgccca aaattgtgcc cttgcattnc agcctaggcn ngagagttag actccgtctc 660
 aaaaaaaaaa aaaagggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta 720
 tgaattaaaa caanatnna aaaaact 747

<210> 4792
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4792
 ctncctntnt tntnnnattt ttnantnttt tanatnantn tntttanttt ggtgtngntc 60
 nttnttctan cctacacnct ctttctctat ctanancncg gggnttnnca aaaatntggc 120
 tcttctatnn tntcngnctc ntctatnata caccantgg cgaatccaca tncaggggggt 180
 ctncacaaaa gtccaacct ccaaagtga ngactccgtg gaacagcaag ggnagggtgaa 240
 gaantaataa aagagaaaga aangaanaac ngcanaanaa aangaaaana gaaaagaaag 300
 aactaaagtt agaaaaccac caggaaaact caaggaaatca naancctaan aagcgcaaaa 360
 agggacagga ngctnacctt gaggtggtg gggagggaagt ccctgangcc aatggctctg 420
 cagggaanag gagcngaag aagaancatc tcaaggacag cgccagtgat tgaanangca 480
 cncntnggcg canggaatag gaancngan gcactnggaa tttgaaacac attctannaa 540
 gaaaaagatg aancctccaa nancatnctg anggccngga accanangac natgantgct 600
 tcctgcaaaa ggttaattca actggtaatg gaactatttn aaagcaaatt ctgaaaccan 660
 gnccccaga caatgnaaat naccattcna taaagcctna ggnaaaaaat gttttatgct 720
 ccanttctta ccacaanntg acatnattga gccatnnacc atattcccna atgatggaaa 780
 cttccctang tncattcntt ttaacnaaga aaattcaatc cnannaaccc cttaaccttt 840
 naannttatt tanaagggnn 860

<210> 4793
 <211> 1222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1222)
 <223> n = A,T,C or G

<400> 4793

```

gnnnntttttt cccnnaaaaa atggggccctt ggggggttttt cccttaaaaa ttggnccttt      60
ggggggttttc cnaaaatnn ncctttgggn tntaannacc gngnccgttt tttcgngnna      120
naannngatn ntctntnchn nctnnnnnnn annnancnnn nnnntncannt ctatnnncnc      180
nnnnnannnn tatcnnnna ctctnttcaa ttcnnnnnnn actnnmntat nnnnatnnan      240
cnnntggnn annnnnntnt catntcnch nantnnncct atnnncnnat ctannnctct      300
cntnnnnata nacctgnrat aanactnnnn nncatagtcn cttnacantc tnttatancn      360
ctnatacanc atctnttcta antctantnn atnatanaacn tccatcatna ttrnnntactt      420
ncanaccccn ctnnccctac nctnanncnt cactcccnnc cnnatctntc tctnctatnn      480
natcantntn nnnccancca ctnnnacnnn ntactantct accnnncttn natctcnatn      540
natcatance atncttcnc nccacnnttc nctnttaac nnnntntatnt caatanaatn      600
nnctnanchna ttacntcnnc tcnctcttc attttnttta tctnctcatt aannnnnnct      660
ccnnctcan ntnnccntnt nntactcnc natcccntaa ntctccnca atcatactca      720
tentctccat anatactcan atccatacnc nactatcanc tanntcttcn antatatntt      780
tcattnttac natccctctc tcnctcannt ntnaanacnn cnaantacnc ttanatctat      840
ntntanatac antcnnntnn ncncaatntc anatnttcta tcatnctcnt aannatcctn      900
nntntnnnta taatectanc nanccacann nctccnnta tntnnnnaca catntatacn      960
cnaactnannt tctcnntcct natnacatan cccacnctnt ncatacanc ntcncatntc      1020
ntnnntnta tntttcanct antaacatan tnanantcgt actnnnnann cancactncc      1080
ctcnttatat tcatcnatct ntacatacca tctannnnann nacnnttcac nnatnctct      1140
ncttnaatta canncacnct cnntcatann tcnnttatat atcactctnt ncnanatcca      1200
ctntntctnt nntctccncc cg                                           1222

```

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4794

```

gnggcctttt aaaatacccn gnttnnanac gcntngttac acncnctagc ttaaaagggg      60
gnggaaccct atggntgcat tgactgtggc aaggcccttna gccnagaagt tttgccttgt      120
agcacatcag ggtatatcat acagggaaag actnccttng tatgtccnga angngggcaa      180
ccctgntcac agaagtcagg actcattaga catcangaaa atncactcag gagagaaacc      240
ctatnaatgc annactgtg ggaaagcctt ncttncaaag acaangctca ntgtcannac      300
agaacnnaca cgggagagag accctatgnc tgngatgagt gtgagaaagc tnncttctat      360
atgtcntgcc nttgttaaag atnagcagaa tacactcann ggaagaaacn cnnngngatt      420
cannngaang nggaaatntc ctgaccacan ncanggtncn tntcnnnnag ttcctaanta      480
gaacaatggn gcnannnggg tanaaaggcc cctgntagna natannntna anaccttggg      540
nggcnnnnat ggatnnggnc nngtggggtn aatactgatg tgnatntctc nggntnancg      600
accantatnt tngcatntnt tcctattggg agnaatacct actntntaat ntcnnnatnt      660
nctgcgggan ntannntnt ttagcatctn ctatccataa nnnncnaaat ngatcatcat      720
atnntcnatg nctcatctn gtctnacact nttgggtngc catctgctnn agacatnnna      780
ctntaanctn taaattnatc gctnantann acccanngtg ntnaccagcn gtnacnnncn      840
gctnctcngt nngtatant ntcacnatca tantcantga atntanngan acngcatct      900
tntnannctg cctcnnactc tatcanaatn aagttnncnc aggnactcan antnactntc      960
nnntnnntcn canaatgtat catnnnctcn nnanantatt ttgantgcan atcatngnan      1020
acntatgaan ccnaatcatg tntattncna nngcnttact tntnancg                    1068

```

<210> 4795

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4795

tttctaaatn	gcttgggttt	cnaaatccct	tggttgacgc	cctcgccctaa	nntggcgtgn	60
nantgccnc	gattcgctgn	caagtctgga	antcatattg	gagcctgngt	ngactgaaaa	120
ctcagcanga	gttgatgtta	aagtcttggg	tctgaaattn	gtngggcagg	agattaggct	180
ggaaactcag	gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaat	240
ctccattttt	ttctcttaaa	gccttggatg	agccttggat	gattggatga	ggactaccca	300
cattatctag	ggtaatctcc	tttgcttaaa	gtaaactcac	tgtgttaatc	acatcaacaa	360
aataccttca	cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	420
ataaaaattac	tatcattata	ctttgtctta	tcacatactt	ctaccttgga	agggatattt	480
cccagttggt	atagctacia	aacagaggca	gatcatttag	cctgcattng	attngtantg	540
aaaaataagc	ctttggtgng	tttaaccact	gaaaatgttt	gcggcctatt	agtantngca	600
caacttatcc	tatnctggcc	aaacatagaa	tgctttcggt	ttgcaaggta	acangatccc	660
ctttacagnt	gtacnaaaaa	tnancnntaa	aaaaactnga	gccctntaga	acntnntagt	720
ggagtcggan	ttaacgttng	ancccgagcc	ntggattang	gatncattgg	atggagtttg	780
gacataccac	cancttgga	tggnantga	aaaaaa			816

<210> 4796

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4796

cnnncaaana	cnnnnnnnaa	nnnanaacaa	cggggggcgnc	ncnanttcaa	antcggnaaa	60
cnnntccnnc	acagncnacg	aacgaaangg	cacnagcnng	cnaggaaacc	gcncngcnc	120
agcaaccgaa	ggccaggnaa	ttttnaanat	cggngnggga	ggacagnngg	ggncaatatg	180
ggcggggnntn	nncttcaaac	angnaaacn	tnccnngngg	cggggganac	cncggncacc	240
atggannaan	tncnacaana	ccgnggggaa	gacnggntat	gcaggcnccg	ccataaance	300
ccccctacta	aggcnncang	gancaccaac	agntggnggc	cancaaaagc	ntntaanaac	360
aanacctnac	aanntcnca	ncnntttngc	ntatcccacc	acngggganac	angncaacgg	420
tggacnctcn	aacaannaaa	atnngaaaaa	caaattctcc	caanaatngg	ggggngaacc	480
anngnnangn	nanctnnaac	canaccgtcn	tgnaacnngc	nccaatacaa	ngggnnngnan	540
gnngncanaa	cangcnngn	accngcacgn	aaggnggngg	gcnnngnatca	cancaaacag	600
acaatatcca	cggcgnaacc	cnnncaacn	ntnaacggga	ccngagtagc	acacangcac	660
gaangccnnc	ccngnccac	nccctgnaa	ncgagaaaaa	naangccngg	atacaaaaaa	720
ccccnaacca	gccggnctn	ncccccaac	nngannaaag	naacanacn	cacannngcc	780
nnngacaaan	cncnacaana	nngggnaaac	aaacnctatg	gganattccc	ctanggnang	840
cngaccggnn	aaacgganna	ncacaancta	aacaancngt	ncacgccaaa	aaaaacngcc	900
caaggcccca	tcacngaang	gaaaacncna	nacggnnann	anagnncn	taannaaann	960
ccnncnng	nncaatcncc	cattcgaaaa	ncnncnctn	ccgcnaannn	ggaanacnnt	1020
caaaaccccc	cganncgac	mntatncagn	aacannaaan	ntggtgtnac	cnncccnnc	1080
ctaananate	nncc					1094

<210> 4797

<211> 930

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(930)

<223> n = A,T,C or G

<400> 4797

ttttgctaac	cgctgggcta	ctcgntctct	nngcaggatc	ccatcgattc	gaattcggca	60
cgaggtggag	agcgcacagt	ttccagagta	tgatgacctc	tactgcaagt	actgctttgt	120
gtacggccag	gactgggccc	ccacagcggg	tctggaggag	gggatctcac	agatcacatc	180
caagagccaa	gatgtgcggc	aagcactggg	gtggaacttc	cccattgatg	tcacctttaa	240
aagcaccaac	ccctacgggt	ggccacagat	cgtgctcagc	gtgtatggac	cagatgtgtt	300
cggaacgat	gtggttcgag	gctatggggc	cgtgcacgtg	cccttctcac	ctggccggca	360
caaaaggacc	atccccatgt	ttgtccana	atctacgtct	aaactgcaga	agtttacaag	420
ctggttcatg	gggcgggngc	ccgagtacac	agaccccaag	gtggtggctc	anggtgaagg	480
cccgnaang	gtgtgtttgn	ggcccaaccn	acnccaatag	ctggngggca	acacagaata	540
gntnctgtat	aataatagtc	tcattttcan	agaaanant	tnntattccn	ctcttnnttc	600
ctaatacna	ntncttatta	ntntntaccn	tcnnnnnncc	ncctcatttn	cnctntttca	660
ttttatctt	atcttatnnn	ntcnancct	actnntatta	ctcctnncc	nnantctcta	720
tnctacnac	ctntaatac	ctncttanc	tanacttcnc	nctctntacc	ntctctctca	780
tnctntnct	actctctccc	tctcttctnc	tccatattat	tcttctctnn	nantctntct	840
tntntctnc	tattancntn	cctntctntn	tctactatat	catcatntnc	tntcnancntn	900
anntntctat	ctentacnta	ctcanacaac				930

<210> 4798

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(801)

<223> n = A,T,C or G

<400> 4798

aaaaagncag	gcnacntgna	gacanaagan	cccanngaag	aancncagga	aaagcccacn	60
ccgaaggggn	anacggacga	gccnaggcaa	aggncannaa	gaacagngat	ttacanacga	120
tntgccnga	ancncnngg	gngaaancag	nggcngggcc	accagnaaag	aaacnagnnc	180
gcccaggncn	nngangnana	cnanaaacgn	aaganganga	gnnagggggg	aancangaca	240
ggagaggcaa	aannaaaagn	nanananagn	ggcnagncgg	acngaagaaa	naaacaaggg	300
gngaagnaca	ngaacnaaga	aanagcaaag	anaacnnaaa	gngaacaann	ccagcgccna	360
gcannanccn	aggangcaca	naaaacagca	ccaagaagac	ngnannagca	ngagagnnga	420
agagangggc	cncacgggga	cacacnaggc	aaacgcgana	agcagnacng	gncnaggngn	480
cgcgaaagnan	aagagacnca	aggggangag	agcanaaggg	aacgggngng	aggaagaaga	540
caangnaacn	caggaacgaa	aaagggannc	agaaagccgg	agaanaacac	gnggaganag	600
naccaaaggc	naanaaggng	acaangggca	agagacanan	accangnngg	acnnaagang	660
cnacannagg	naaaacanna	gangaaanag	gggaacanga	angnaaaagn	gaaannnggg	720
ggaaaaganc	aaacnaaaca	gaaaacgggn	nnggaaaaan	nacaanngaa	naacanggng	780
ncaannggaa	nnaaagggga	n				801

<210> 4799

<211> 813

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (813)
 <223> n = A,T,C or G

<400> 4799
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 tcgatcgagcag gtccacagcc gaggtcganc ancggcacag cgaggteggc agcggnccag 120
 cgaggteggc agttggcaca gcgaggteggc cagcggcagc gaaggteggc agcggnccan 180
 cgaggteggc aanccggcagc naaggteggc agcgggcccc cgctgtgtctc ttcccgaggac 240
 tctgaatcat ggcnaccac nggccacgat ggcgacctcg gctcggcgcg aaagcggtcg 300
 ctcaaaanag gaagacatga ctaaaagtgg aattcgagac cagctaagaa gtggatgtga 360
 cccccacgtt cgacaccatg ggctgtgggg aggacctgct gcnggcattct acgcttacgg 420
 ttttgaaaaa ccatcagcaa tccagcaacg agcaatcaag cagatcatca aanggagaga 480
 tgtcatcgca cagtctcagt ccggccagga aaaacagcca ccttcagtat ctcagtccctn 540
 cantgttttg gatattcaag ttctgtgaaac tcaagctttg atcttggctc cacaagaaan 600
 ttggctgtgc cagatncata aggggcttct tgcttntcgg tgactacatg aatgtccant 660
 gccatgctcg cattggangg acccaatttt tggccaagga catcangga cctgggttta 720
 cggacaacat gtttttcnccg gcacttccaa ggccgtgttt ttganatnat ccttncaaaa 780
 aaccctaang gacacctgct nttnaaaaat ttg 813

<210> 4800
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 4800
 ttnaatnctt ggctttttcan aatngctgga ngactngttc tttntgnang accgcacgag 60
 cacgaatnccg gcacgaggtc actntgnaac ccagactggg agtgcancgg tgtggncata 120
 gggnnctgng cctgggnanng tntgntcgag ntgtnatcnc nantttgntt ttgggtctgt 180
 agcttaanna tgcngannna ngatgcnnnn anngnttntg tnaganatgg ggtntancna 240
 gtttnnncna ncngnnttca attncatggg ctcaantgaa ccnctgcnnt ggnetnctna 300
 ntatnnggga ctncnagaca tngngnanna gtncgtgggg canatctcaa tattanaggt 360
 aatatgnmat agtgatatch atgacngtac catttgnntc aaaatgtgaa aganataccg 420
 ctgaagttan tatgtntctnc cttccaantc nagccgccat ntcnntcnac tcngcnanta 480
 tgctgactca naatgaatga tngacatttn ngntantncn gcacccctac nagtgctatt 540
 atnnctanan atntcnataa ttnnctngnc cctnnancct acannctnng tcgnatgtnt 600
 atccnncttn ntggancctt gaaanmttcg atagggggaa cntgatnagn gcagtntnac 660
 anaatgnttg cnantntna ntcggaaana tcnaattngg gnagctgnta aacancnngg 720
 gcntaccttt ntaatgtncn ngggtntnta antcaaccng gntncngaaa aanaac 776

<210> 4801
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (720)
 <223> n = A,T,C or G

<400> 4801
 tnnnnntttt naantcaatn ctggetctctg ttctttntgc aggatccctc gattcgaatt 60
 cggcaccgaga tggcagttgc ttttgaagta tatgatgact tcctccacta caaaaagggg 120
 atctaccacc aactgggtct aagagaccct ttcaaccctt ttgagctgac taatcatgct 180
 gttctgcttg tgggctatgg cactgactca gcctctggga tggattactg gattgttaaa 240
 aacagctggg gcaccggctg ggggtgagaat ggctacttcc ggatccgcag aggaactgat 300
 gagtgtgcaa ttgagagcat agcagtggca gccacaccaa ttcctaaatt gtaggggatg 360
 ccttccagta tttcataatg atctgcatca gttgtaaagg ggaattggta tattcacaga 420
 ctgtagactt tcagcagcaa tctcagaagc ttacaaatag atttccatga agatatttgt 480
 cttcagaatt aaaactgccc ttaattttta tatacctttc aatcggccac tggccatttt 540
 tttctaagta ttcaattaag tgggaatttt ctggaagatg gtcagctatg aagtaataga 600
 gtttgcttaa tcatttgtaa ttcaaactg ctatattttt taaaatcaat gtgaaaacat 660
 agacttattt ttaaaattgt ccaatcacia gaaaataatg gcaataatta tcaaaacttt 720

<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1117)

<223> n = A,T,C or G

<400> 4802
 atnnnnnnnn nanencatnt nctantcctn acnantnnnc ttncncntnn nntnntnctn 60
 ananttggna tntagnggna ttznaatncc cagctntngn nctntttgca ggatcccatc 120
 gattcgaatn nggcacgagg aggaattcag ctatcagctc tcttcatgag tggagtagac 180
 atggccttgt ttgcaaatga ngnntgcnga caaaccaatc ccctgggaac actgttgtcc 240
 ttggatgtat tttgatggga agctcttcca atccaaactc ctcaaagcca gccgggaaaa 300
 gacccactc attgacctct gtgatggta agctgatcag gctgccaagg tagagaagat 360
 gncctatanc gtctcnaaa gggctcagct tctncaggca nagccacann cttncctttt 420
 ccgncgtcac ctgcnctgct cttttacccc tgtctntgnn taccocentn nactttttan 480
 nccnnntncc aacccctntt aatggcncnn ngncantaat gctnttttca ttncnnttct 540
 nttngnnctt nntctcttan gncccccctc attatngcgn naaanncaen gactatnttn 600
 ntctnatggg cntcccttta accncnctg nncacactnc tcnntentan tntnmatntn 660
 tctncnatnn tanncnctc aatatcntcn ccatacennnt atctatcctc nngtnccnt 720
 ctncntnant tnnnatcana ttttctatnt ncnactcat ntctctacna tcntantnta 780
 tnnntatcaa tctcananta nactantatn tcaantntnt acannatata atatnctctt 840
 ttnatntntn tnnnatcat ntanatnatc tntcntnnat anctacatct ctctntctnn 900
 ncatntcatn tagatacann tanatntagn taattatann ncttnttctt anttncnnnn 960
 nttncntnt catcncctn nnncgtaann ctctccnntc attcnattca tacttcnnat 1020
 tgatnatnca ntannccatc ataantncac ntccctcata ncttnttctn caanntatnn 1080
 anattctcna tatttctnta tctatananc nttgccc 1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4803

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ttcaaatngn aggctctngt tctttttgca ggatcccatc gattcggnag antcccatnt      60
ctnctgctg acgagggacc tgctttggtg agtnccggaa ggcccagga gtngnggcat      120
gcnggctnct nattcactat ggggnttcgc cntggacacg tantcaantg cgcattgctgc      180
tgcccatgt tncctgcccc acttcaccca ntggggggt gctcaagggt ngnnnggcnt      240
cngtggtgagg aggcaggtat ttanacaagg ctctgtacat gacaencaac tgtgctnana      300
gtnccttcnc tcngactaca ccnatgnttt nacagtnccc tntgnnnnn tcntnttact      360
acagtgcnan aaccnnaatg ancntttnt tctgctnna tgccnncnn antnnnnngac      420
nttntgttaa tgttaacnaa gtgtgtacac tttaaanc caatttgtat ggtntcctgt      480
annatnangt gccngaacat gnacatttcg atanccanag attagattan nggttntcat      540
anggtctggg gaannggcat ancttagtga ttggtaatga tntgggattt nttttgggaa      600
tgaatgaaaa tattctaaaa ttngttgggn nnttatccna attctacgaa atattnttaa      660
aaaaccacn tgaatttgnc tactttaagn agagtgaat ttatgtcct tgttcctcna      720
attaagcttg ngnaaaaaga tcgtaaaanc nngatnnnaa ntttctntna nntngnnctn      780
t                                                                 781

```

<210> 4804

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4804

```

aagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga aggctgagac      60
anganaatgn cntnaatngn ngaggcagag ctgagagtcn ntccgagatc acnccactgn      120
actncaaccn gngagacana ntngactcc ntctnatacn atgngaaccc taaaatatgg      180
gntttntgca cattccagat ctcaanancn tgattctaan tgaaagatgg caatatncca      240
tcagaccagg tnttntctag ntccntntta cgaaatgtcc acaaattggc ggatcttcag      300
antcctagtn actgctantg ntncnaggaa tnttntnng gngactanna tgtntctaaan      360
ctnantggag gtgatggttn aacnantngg tcaactnact aagaatcatt nnatngnnac      420
tctatntggg canatantat ngcnaatgta ccttaatnan atcatgcttn aangtcaatt      480
aatccactca tgaanttnan cctctananc tnnagtgan ngtattacgn ncatnccnac      540
ttgntnagat ccttgatga ntatcggaact aaccntnat cttatgcagn ntacaaaaat      600
gccttttnna gggnaaatnt gcgatgctat ntgcnttate cntaaccatt tgtacnntcc      660
catttaacag ggttacnnc catccaattg gcaatngatt ttatggnttc ntgggttnen      720
ggggttngat ttnggaangt ttnnttantt tcc                                                                 753

```

<210> 4805

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4805

```

agggnnnnt ttnagatac agctacttgt tctttttgca ggatcccatc gattcgaatt      60
cggcacgagg tttgatcatn ggncaaggtn ctggngagaa ctgcctntgn ggntagctga      120
ttngggggtc cttcatatga acganctggn tggagcactc acaggactca cccgggtaen      180
aagattccaa cangatgatg ctnacatatt ctgtgccatg gancagattg aagatgaaat      240
aaaagggtgn tnggattttn tacntacggn tatagcgtat tnggatnttc ttttaacta      300

```

```

aacctttnta ctccccgga aaaattcctt ggagatatng aagnatggga tcaagctgag      360
aaacaacttg aaaacagtct gaatgaattn ggtgaaaagt ggganttaaa ctctggagat      420
gganctttct atggcccaaa gattgacata canattaaag atgcaattgg gcggnaccac      480
cagtgtgcaa ccatccagct ggatttccag tngcccatta natttaatat tacttatgta      540
agccatgatg gtgatgatna gaaaaggcca gtgattgttc attgagccat cttgggatca      600
gtggnaagaa tgattgctat gctnacanga aaactattgg nggcaaattg gccttttngc      660
tgtccctttg ncaggtaatg gtagttccag tnggacccaa ctgtgatgaa tttcccaaaa      720
ngacnacacc attncacgat

```

<210> 4806

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4806

```

gncnctttca acttcgcccc ttttnaaacc cgttgttcaa atcctcgttt caancccntc      60
tgcaggatcc catcgattcg aancngcacg agggggnnnn ncgtggcnna ttgcgngcag      120
tacccttcna gncnngngna aagtgcagnc anncgtaaca catgcggcan acngcannga      180
gcanaatgnt aatgnccact tcttgantca tnccagaact cccttaagcc cacaagtttg      240
tnnngngnna ggtcaantct aggaacncng ccgngnaacn ggtntctcaa tnnagncatc      300
cttanttntc gcatanacan gagngttctt aaaacnnctc cngtaaagca agncatntct      360
ganntnccctg aggatcattg ctcccgnata cngntgntgg ggtgagcctt caggagang      420
ggaacagaat nngtactag ggtcganagt caananacta aggcncctna ncaacatctc      480
agagcanann atttgnggag cccntggaac gntactgggn aatttantca gtgngcattt      540
ntnaagactg ggnccagggn tggantnatc tnttggcgan gggnncntag ngcctcanca      600
caacactgng cnagcccngg acttagnaaa cccctgcana aactggnnna annngcctnt      660
taaaantncc ccanangtnn acccnnaag aagncgngna agcccnnaaa ctnccaaacc      720
aaccnctntc tttcctcnnn naantnnaca ncntgggggt ntgcnttggg nnnaaatngn      780
nccnanaant gcaccagntc ncnntagtc nnggggnacg gnnc

```

<210> 4807

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 4807

```

tntagataca gctcttggtc tttttgcagg atccctcgat tcgaattcgg cacgagattc      60
ctttcatggt acagtattta cccaagtca tgattaaata tctgtttata tatttcttta      120
ttggattatt tgtttatttt tctctctcta gactgcaagc tccttgagca gaccatgttt      180
attttgtcta ccacaggtgc tcaataaata tttttgacta tttattacat gagaaggttt      240
ccatgcaaac acccattgaa tacgattgaa cttgaaccct aagagatggg ctgtgacctt      300
tgttgccctc aaactaatca aaggggagtg atattcacca tccagaatct agaataactt      360
anaccttggt ggccaggagc tagctaccca tatgataata caagagctct cagagaaatc      420
atggaagttt tgagcaatct ctctctccct ttgctaattt acttttcaaa actgaagtat      480
aatgggaata acttccccac ctctcaaagt tcagcatgct ctgaaatttc atgttctctc      540
aggcgagccg attcatgttt tccattccac cctcttctac tgggctctct atgccctttc      600

```

tacagtctcg	nttntttttac	cctggggccct	tttncctttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagcttttngg	aagttttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttgnn				745

<210> 4808
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 4808						
tnnnncttna	aatnganagc	tacttgttct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttgc	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgccct	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttggc	ccatcagtgc	ttcaggctgg	ctctggtcaa	240
caacaacaac	cacgccgagg	cctacaacaa	cctggctgtg	ctggagatgc	ggaagggccca	300
cgttgaacag	gcaagggcac	tattacaaac	tgcatcatca	ttagcacccc	atatgtatga	360
accgcatttt	aattttgcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgctgcgcag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tgctcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	ttaacaaacc	tgctccttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcatagtaat	agtaacttta	taaaataata	tta	713

<210> 4809
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4809						
gnnggnnnnn	nnnttgcnaa	tgctaggcta	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagggtggag	ctcacctatt	tggaatatgg	ggcatttggt	ttttccactg	120
caatgatttc	agtctgggtt	catcatgttg	gaattcgatc	acaccatttt	caaacaatgt	180
taacatagtc	cagcttttgt	ttttctcatc	tcttctgaga	ggagactcac	tgtttctgtc	240
tgaggaagct	cataccctcg	gcaaaacatc	aggacaaata	aagagaaatg	ggggtacgca	300
ttcccaacag	aagcagtgtg	ttatttggtt	taaaactctg	aacagagatc	ttggaaatct	360
ttcaaaaaga	ccattgaatt	cttcattggc	tgagaacgac	gttttaaaat	gtcttaataa	420
aggctttgtt	tgcattgttt	gagttcaagg	ggccttatta	ttgaatggaa	ttgcacaagc	480
ctttctttgt	gcaatcaaac	cattgntatt	ggtagtctctg	taaaggaaac	tgtggaatcg	540
aattggcagt	ggagtcataa	atctattttac	tgagtgtggc	ttccaagaaa	atgttgcaat	600
tcaaaatgcc	taaagtctgt	gatttatting	gagatttggg	agattcttaa	ataatatatt	660
ttaaaaaact	tccatgccaa	cnttcttggg	ttaaatggtt	tggaacctn	ccccttgatn	720
aaaaaaatta	aaaccaggcc	caaatggtnc	tcaaatttaa	aatct		765

<210> 4810
 <211> 800
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 4810

aananggecn	ggcnnennng	nnnngecnnc	gnaagccctt	tgnangnaac	ccctctggga	60
angcecccan	cggeggancc	cngcgccng	gnaecnegga	cgnggcagac	nanacnanag	120
gttgacngc	cnttttcgan	caggngacgc	acnacneng	cnggggganc	cccangccgg	180
gcagnnecgc	cgggggcccg	gccacgaaga	acgcgggcn	gggcgcncg	accnnggccg	240
cagataccan	caacgggcag	ggggcgnnct	nnnggcccag	caagaagggc	gaaaangagg	300
ccgacggntg	ccnggcgcgg	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgg	cggagccng	ggacangggg	ngagaaccac	420
agnncnnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccna	ggcnncgaen	480
cgngcaaaac	ngcnggccna	ccggncncca	cantgaaaga	cnggaggaga	acgggganng	540
aangacnggg	ngcangaggg	ntgagnnggc	caacangng	cnaacaaang	nnccacnacg	600
cccngnggga	nggcagngnc	agcggnggag	aaggaggacc	ncaaaggcga	cggngcaggg	660
acgcacnggg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaaggg	ccggggagggn	720
nnngaagggg	ggcccggngg	ccngggcccc	nngnacccnn	aaggcccnen	ngggggggca	780
aananngccc	nnnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccagaaa	cctgctatgc	ggaacaaggc	tgatcagcaa	cttggtggaa	tagacaaaaa	120
atatgctgga	ttcattcata	tgaaagcagt	ggctggtatg	aagatgtctt	accaggtaca	180
acaggcaatc	aacacatgcc	taaaagatcc	tgtaaggggt	ttcagacaag	acgagtcctc	240
tagcgctttg	tgttcacacc	tttactccat	gatccgtgga	aaccgccaac	acagacgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct	360
cttgatatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt	420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgcatgcatt	480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcacaccta	gtaaggaaaa	540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga	600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa	660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt	720
taaaacaaca	tttgaagaat	c				741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4812

```

aaatntacag tttcnnngacc nttgggcagg catcccatcg attcgaatnc ggcacgnagg      60
atntactggc cnattggaat cnnnaacctg anttagaaag gctcaacgag ancangctnt      120
cagggctgct aaggaagcaa aaaaggctaa gcaagcatct aaaaagactg caatggctgc      180
tgctaaggca cctacaaagg cagcacctac ncaaaanatt gtgaagcctg tgaaagtttc      240
aggtntcaat gtntactcan gatggaatga tnnangcatc tggctcacgn tgaagggttc      300
gcntnaccna tnacactgtc gtccctgcanc acannncag catgnntgtn ctntgcttca      360
aagntgana anctcttcat ntcnatttgn ntnacacnct gentgacctn gccctctnat      420
acnaentgtt tctaaccnng acntnttccn tctatnntnt tntcctngcn aangnncata      480
tgngccnagn cngcncgngc ctcacatctc gtgctcntgg cnncttntgc tgccctgaaac      540
tcccttgnet tacgtntgtc tcntngggta ngccctntcn ctntttcnag acttggnctn      600
aangtgtaca acatntantg tnnangcctt tctnnaggat canctaantg nntggacacn      660
attantaagn cttntctnta antacttnnn attcaattng ctccttcata cattcntgnt      720
aaattgttcc ctanctggnn nagcaattan atngcattnt tantagtnnn gnntcccntn      780
tntgnttaat gcctcnctta tngggcggtg ngggctcg      817

```

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1359)

<223> n = A,T,C or G

<400> 4813

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ttngnnaaaa ntcnctana atcnactttn tggmnatact tgggtcntat anctaganga      60
naaggggnat cccccantcn gnatctcggn acntnntang ctaatcatna gctatnnnat      120
tntttacnca tgnattctac tannntcat ntataataac nncctaaatn antcnnaata      180
nnaagnntnc tnnngganat antctnnnna trntngantc nannnnannt atntcaatta      240
ncnccataac taanatanta tntatntnna tnttantnt actantnnat annacttann      300
nantactnnn natacnanna tatannanan acnacnnnnt tntntntnt tctntaaatc      360
aannnnmntc ntatattact ttncnmattn tnnatnatnn tnnatnnnat ananncnrnt      420
tattntcnnn natattcnnt atttnmanna taatcnctaa tcnaatanna tnataacnnn      480
cctatcatac aataagnaat acnantectn nnnnncnnc tanctatctt nnttcnnnnt      540
natanntttt ntgatnncnn atcantntna atacctntat actnatatnt tatcatntnn      600
annntnannn caantatatt natnanacnc aaactactcn actntntcna nttaancaaa      660
nanntantcc atatntctnc annncnntga ntattanana gatctntnac tntatancca      720
nannnnmattg mncanatana tatcantact acatataant ctacnntnac tnnntaactna      780
naannnnact atnactcgat tntctatnca cttatnncan nactactacn cataacanca      840
gtntntcgcn tacntatanc gagtnatctn nttttaaatn tataatnacat actcnanaat      900
ancnatcnat nattactana catatnatca actatatang tnnagtanaa atcatctttt      960
naattnttaa ctaacagnnt atnaactana tgnatatnaa tacatanant atncaaactc      1020
ntnnctcaca ncgttataaa ataaccntat aanattgntn tatacagnan atacttatna      1080
acttngnatt ntatatntcn cntctaanna taccattata atgcnatnac actatntaat      1140
actatanang ctanactgtn nmatgnntct cncncttatn tacnactgcy antcannnnc      1200
ntnttatcgn tctcatncca ttntaccnan catanatata cccatattat antantntgt      1260
nannctntat atatntatat natactnann ttngnnatnt catatntnan tctcncagat      1320
nntacanntn tnatantatn aatgcctata ntacatnccg      1359

```

<210> 4814

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4814

cttgaattcc cctaataaaa ccgtttggna agcccnatnn ctntaggnnn ncnntgcgnt	60
nacgatnecn cactgagggnn ccactgacca cnantatgtc gnacntttna caanggcctg	120
aactaacntr aanaatnnca aancatcnna acggancggc cctgcctnaa cngacgacgn	180
ntcccnttga gnnatagccn ngcccnact taactgagtn attaaccntg tatnntntnc	240
ttcngnnggc tcagaagctg atngantnan cncnatcacg accatcganc ttgctcnccn	300
nagancncc cagtnaggnt nattnagnat tnnctnccnn nancntatna naatggccgc	360
tcccttgatc nancnatcng tgactctcat ntactggact catnccacct gcacccangc	420
gnatntaaan atccccatag ntcacnnnaa tnataanaca taaattagga tacanacctg	480
attganatgt tnnagctgaa caggntntac cnnctgnann ctcttgggng ttaactatgg	540
atatgaacnt cactttgaaa actgggannc nnaacgggga ttncctaaat nccttnttgc	600
tataggcnaa tanttnccgg gagaggntgg agtactnngg atgaancaat tcancctttac	660
tgaanaaagt gggcncggnc tngaattccat agggnaaaac canttggttaa nattatnngg	720
ttccaacgna annctgagn taacnttcca aanggnntgn aaganttttg gaaggcntga	780
atgggancaa ngggggctcc cnatccaaan aaattgtcaa ntttcaagtn cctnggcct	840
ttntnaaacn ntngaant	858

<210> 4815

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4815

tgnnnttttg nttcnaatgc nngctcttgt tctttttgca ggatcccatc gattcgcgca	60
aacttttcan tctctctaaa gaagatgatg tccgccagta tgttgtaaga aagcccttaa	120
ataaagaagg taagaaacct aggaccaaag caccacaagat tcagcgtctt gttactccac	180
gtgtcctgca gcacaaacgg cggcgtattg ctctgaagaa gcagcgtacc aagaaaaata	240
aagaagaggc tgcagaatat gctaaacttt tggccaagag aatgaaggag gctaaggaga	300
agcgccagga acaaattgcg aagagacgca gactttcctc tctgcgagct tctacttcta	360
agtctgaatc cagtcagaaa taagattttt tgagtaacaa ataaataaga tcagactctg	420
aaaaaaaaa aaaaaagcct ctagaactat agtgagtcgt attacgtaga tccagacatg	480
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaata aaaatgcttt	540
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia	600
gttaacaaca acaattgcat tcattttatg tttcangttc anggggaggt gtggggangtt	660
ttttaattcg nggcccgcgc ccaatgcatt gggcccggac ccacttttgg tcctntt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4816

naancnatag	ttcntgtnc	ttttgcagga	tccctcgatt	cgantgcgnc	tnaagnancn	60
gncaggnc	annctaccc	cattactggc	tgntgttcta	tnagggtctn	atganggnan	120
ctgacnnaga	cgtgnnagt	aacnttggac	tctnctncan	tnactaaga	ananacnaat	180
gtgggcnngc	catntgccc	netcgtntga	ncacancnan	nnaagagnct	ccagcatggc	240
aattgcnatt	caccnga	gctgtncatg	aagngaactn	ngttcnngng	acggcattcc	300
nacctgngcc	natgccc	acnaggantc	nactggannt	cnagaannnt	gctnntgngc	360
ctcntnaang	gcnntgtat	ngctcaccat	ggagccctng	nggnenttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgtn	tacctatgaa	480
ttganntgca	tnanancntg	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
atttctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagaccc	600
tgncacgttc	tngatgtnan	acntccttga	cnnnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nntttantga	acttntct		767

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1154)

<223> n = A,T,C or G

<400> 4817

ngggggagg	ntgaggtgta	aannnnctcn	tanntatttta	ccaagcctta	ctntggggttt	60
cttttttttg	gccaggggaa	ttccccattc	gnatttggng	gaaatttcgg	gcnaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttgggg	gttgccaaag	gggcttaaan	aatgncttcc	180
aagtttaaaa	aggccagngc	aaaaattaac	cgtngggggt	cgngccttga	aaaaaaatac	240
cgtggtcaat	tttcttaaa	gttgtggatt	tatttggcaa	agnttnaaan	aaatggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atttggtaaa	tttcaagggg	gtattagcca	360
caccaatttt	taaatggtaa	agcccnana	aaggatgggt	ttgtnaccac	gtttncnaaa	420
naaaaattag	tnacctggt	tccanntccc	aagttgggtc	cacttttcnc	ttcctaaacc	480
tttccctggc	cctaccgcca	acnagcacca	ctttananat	tancnttgcc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaatacct	tttacttgg	ccctgggttc	accgaaancc	600
gaccttnttt	agaccctnaa	tgaaccctta	ttttcactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggnccttnt	ttcaaccctn	ggaatgcttn	aagggtngga	aaactaggan	720
ttaccnnaac	ccttggcccc	tttcantngn	aantnnacat	accccatttg	gttngtgcta	780
cctttnggg	attaccccat	tnctttannc	cccngnantn	ccangngtn	ccatcantgg	840
ttcctangta	aaatnnogga	aactttctta	annngnangg	acttgaangg	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaatc	ntagencnca	cttgggttanc	tntttgcgcc	ntttnncccn	ncnnnannt	1020
tggcactttc	cgntattccc	ctnanaaaaat	ttacngctn	gacatatntt	nactcccngt	1080
gcnttnggt	tnanaccacc	accntgnta	gtntcccaaa	cttctnccct	catgetacnt	1140
ctacggggag	gtct					1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4818

ttnnnnnnnnn	gtnttttaag	ntacaggnta	caanncctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntntc	atgtatccac	tggnttctgc	120
cncccaaant	gctngactgc	agnngtgtga	tcatggctna	ctgcnnctt	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctctttttac	nnnattgna	nnnaattat	tanggnannn	tcnaaggcnn	300
aatgnattgn	cacctctnnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnnccgtc	tgnnncnna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacangggnn	atntctcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtncc	tgtaccaann	660
atggncgcat	ccaactggnt	tccatcttct	taatcagaaa	tnnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagtgagtc	gtntng		766

<210> 4819

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (579)

<223> n = A,T,C or G

<400> 4819

ttaagccttt	gntatctgtt	ctttttgcag	gatcccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaaccta	ngaccaaagc	accangatt	cagcgtnttg	ttactncacg	tgtcctgcan	180
cacanacggc	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cntcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcaagagc	ctatgetgcn	tctctgtagc	nntctctaan	tatgatcnnn	nngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tggcannnnc	tgangnaaga	tgttatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttgta	ngntgtgngt	tggagtctaa	540
ttggcnnncn	ttcttncttn	acctcttagt	cttatgtga			579

<210> 4820

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1028)

<223> n = A,T,C or G

<400> 4820

ccccgcgcgn	anaaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
gnacgnnnan	ncnncnnngca	cnnnanacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgctctanc	aggagncng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcgncg	acnanngcta	aangcnanaa	cgggaaannga	gaagncgngg	annnggngag	240
ncgatgacng	gacacancnn	atnngncaag	nnggacgctt	gnnnacgcag	cnggaccnac	300

anggtgcaag	angcctcga	cnacatanaa	nnaccanaaa	aaaccnagg	cacgnggcac	360
ntcnccccgg	agnaangcan	cncnnnggga	nngccgacag	ngctgagaaa	nngcngnaan	420
ccaggaggtg	gaanangnac	gagcaccnga	naggcgccat	ngcctncan	nnnnngcann	480
nancagtga	ctntnnncac	angaaacaac	acnacagana	gtcaagcacc	nnaaaanctc	540
antacacnnc	cacaaggagc	gcnnntggac	ccngctncta	agncggangt	nggnntaaga	600
cnatcgngan	cccaccaann	tcntggcca	angnnaaaaa	angcnaaaa	nggncntgn	660
tcggcannnn	gcnaantagc	antgaaaaaa	nccggnncca	tnaaaaanca	acgggnncaa	720
ncctnntnan	ngngngnngc	aanagngggg	gcncaaanag	naaaccnna	ttgcacgcgn	780
aggtnnntaa	ttagagggng	gcanacggga	cancacncgg	accgnaanta	nggccncna	840
canaaactnn	acccaaatcg	cccagggaaa	ncgnaaacgn	gacttttnac	agaacttgna	900
ancgnacgaa	ccccncgann	agtnacanaa	ngcagnnaga	naaaaaantg	ngtcngncn	960
nnangnngnc	tcatagggga	cnnaaanaac	ataggganac	acaccngag	cnaanaanat	1020
taagggcg						1028

<210> 4821

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (832)

<223> n = A,T,C or G

<400> 4821

antggnaann	ngggcaanaa	nnccttaag	aannactgaa	nggaaaagcc	cgnagcgnnt	60
ggngngaann	gggacngag	gggnnggang	aggggtaca	gaccgnttt	tggncgncgn	120
nttncganga	ncgangngg	ggnanntngg	gggggnangn	naagggcg	cagngggana	180
aagatgcgg	ggcgaggcca	ngaaaggang	gaagggaaga	ngggaannaa	gncagngnc	240
ccnngggcaa	caaggagggn	aggggnacag	gnagnaaagn	ngnggaagng	gaccggagca	300
gncnaaacng	ggagngnaan	aggngggaag	naanggagng	ngcanaagnn	gagagagagn	360
acncagngna	gaaacaggcn	nnagagaagc	agcngngna	aaaacnggc	ggnannagng	420
anagggagag	gaggnannaa	aggcangnga	aaagaaggan	ggcagangga	aggannngna	480
anaagccan	gagagnnggn	nnacnagaga	anggggcaaa	ggcgacagg	gggaaaggna	540
aaggganggn	agaanngnag	ggggcnngaa	gnaacgagac	gnngganngg	ggaggnanaa	600
nggnnaanna	gagggngaag	gaaaggacaa	gnggnngana	gnggnnagac	gnangcngaa	660
naggagggga	ggagnaacng	agnagangga	ggnangngga	agggnggacn	gggnncngga	720
gnnggaagg	ggngannnaa	ggnnngggan	anggggnnnn	aaaggggang	nannaannnn	780
gnaagaggg	ngggagggna	agggngggga	gagaggnngg	agggcgaaaa	cc	832

<210> 4822

<211> 1036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1036)

<223> n = A,T,C or G

<400> 4822

anngacngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nnngnnnncg	aaaaannnga	anacaacnnn	cannnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgncncn	nnncnnncgn	ngngannacg	aaancggna	ngacngtgaa	180
anntagaatg	cacagannna	nannancnna	ntagnaaaca	tenggnnn	nnannangcg	240
acatntntnn	ccgnttgga	acgcttgga	atctccgacg	canagagaga	gagaagagct	300

```

nncaanancn nagatagnna gnancgnana natanangnn gtcannnnna naggnnnngaa 360
acnncnnct ctanntnnca gctnnnggct cacagnngan agncaacgan ggcagaagga 420
acatgagcct gatgaagaga cnggaaangg agcacctgnt cctgnacctn caaagagAAC 480
agnccaaaga aatacaccca agcanggang ctcagagatn aatancagag agaggactnc 540
cancctnaag gcangnatna nganaaggca aaanncaaag gtaaaggaca tgagagctga 600
agacttgang angctaata gacacangga gcaactgggca cataggctan nccctaaact 660
gnagntngag ganattatcg ncagagcaga ataccnggga agtaaaaagg aagnncagac 720
ctgnnnaaaa cgaantcgan tagaaccnnc cctanatata catgaagaat nntgntagca 780
natnatgatg aangctgcng gagaanaaan gaaacactga aagtnacnnn antacngaag 840
tnagaaccn nnntggacaa anntatactg anaagngaga atggctngcn nncangagnn 900
anagttgaan ccctaacagn acgagcaacc ancagagaaa nngnnnaana aantnaacaa 960
cntgggcntn ggaaaagaaa gcaaggcaaa gccgcgagga nnaaanaagt nnatgaaccc 1020
tagngaaaaa tggang 1036

```

<210> 4823

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4823

```

tnaatncttg ctctcgctc tngcaggatc cctcgattcg aattcggcac gaggctacac 60
tgtgggggga agatgctgat aaatttgatg gttctagaca gcccggtgtg gctatcaaag 120
gagcccgagt ctctgatttc ggtggacgga gcctctccgt gctgtcttca agcactatca 180
ttgcnaatcc tgacatccca gaggcctata agcttcgttg atggtttgac gcagaaggac 240
aagccttaga tgggtgttcc atctctgatc taaagagcgg cggagtcgga gggagtaaca 300
ccaactggaa aaccttgatg gaggtcaaat ccgagaacct gngccaaggc gacaagccgg 360
actactttag ttctgtggcc acagtgggtg atcttcgcaa agagaactgc atgtaccaag 420
cctgcccgac tcatgactgc aataagaaag tgattgatca acngaagga tngtaccgct 480
tgtgagaagt gcgacaccga atttcccaat tttcaagtac ccgntgatc ctgtcagnaa 540
atattgcana ttttnaagna gaatcantgg gtgacttggt ttccaggagt ctgctgaanc 600
tattcttgga ccaaaatgct gcttatcttg nggaattana ngacaagaat gaacngcctt 660
tgnagaagtt ttncntaat gccaaactgc gaatctttca ttattagaag c 711

```

<210> 4824

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 4824

```

necgccntn tttaaanccg gcaanctttg gaancctttg gaaagccccg nnnegaannc 60
ggnacgagge ngggnnnttc ctgntacang caaaancngc ttcgaggac cacatTTTT 120
ccccgnaac ccgcgcng ggaggggaag anntnaacc tgggcccggc acaggggtanc 180
ctnganann ctgtgaccgg aaaggcgccc naccggant nagtggctcc aantntcaat 240
gcanccccac acccnagtt gttttnatcc tgagaaaaaa aaggaggcn gaattattna 300
aanttaaang agganancnc ntentggaan ggcngcngac ccttcctgca gaaatgggga 360
gcacntgagg acacaggtgg gtggaggccc nntgtgcggn gctggtcgga ttcnggcagc 420

```

```

cctccgtcnc ttnttataaa acnttgggng agaagantat attganaatg tcagtgaaac      480
aagccnecat tggnaatgga ggcncagann acnccacaag gagcccttct gcntataaaa      540
ncnagangca aaaaaccttt ttnaattntt gtnaatnaaa aggaaagact tgntaggtct      600
anatecnanc tgggngtggg nnnacggggg agaacactgc naacagggan aaanggnngn      660
gcacacaana aangagtggg cgaaatttgn ccangtggac ccagccgggg aaaaaacnna      720
tanaaaaaaa ctcttcatag anccttttta aaaaaaaaaa aaaaaaaaaa cttcngnccn      780
cagaaaacca annggaggng acctatnccn nnagaanccg      820

```

<210> 4825

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4825

```

ggnnnnngant gnntttnann ccttgcaaac gmntcgtga gggancgncc gaatncggcn      60
cgcgaggagaa ntnanatngt ncatgggnata mncngtnntt tgtntgntat acagtgcntg      120
nnngnagngg ggntccgtac tgctagnnan gaacgtgcat tcacagggtt ataaanataa      180
cgatgttagc accaancnc ttcnaccctn caatagggtg tnagatgcnn nanatggang      240
ntgcctattt aangmntntn nntgcncna tatnngaatt ncngaggacn acttannncc      300
gaaanntnta cttncnagc cgnangggcg aaagngntta tttttgatga ctncgtgggt      360
ccgcnngag agctcctgct ttgcctgcgc ctcccgttct aaactgtnac ccttttagttn      420
tngannaccn nccccgnctt gggaacgggc tgacnntcnc tcgaaaanag gaagtggctn      480
aanggcnggc ttcttgacnc gngnatcgga tccctnnggcc cnnccccntt ccgttncaan      540
cttgcttntg caacaagcga tngntnacgc ttttnactga nntcttttat ntgcctattt      600
nggattcccg ngttccntgn aacnaaaang nccnggcgga ngtcaccnat aaaacctgtt      660
ccccttgctt acaanaagca nnganggtgc ccgtcngngc cctgggtcttg nanaacangg      720
ntgttgggga ancntaaact nccccacatt tgatggaana cncattttca tnnanccatt      780
nttaaaaacn ggggntgngn gcaacgccaa nncctactcc nactatcca aagntcccan      840
ntattggcgg ggcattcttc attggaaatt ntggatngaa ngaaaccctt ctctt      895

```

<210> 4826

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4826

```

tttcaaateg cttggctact cgttctttct gcaggatccc atcgattcga attcggcacg      60
aggcctgtna ttccancatn cncngncacn aatnnaanan ggagncctta ggntcttaat      120
gtgaacaggc agnngattan gctgggcact caggnagaan ntccgctgtn tcantnttna      180
ggcatgtttc atgattcaaa ntactctcca ncccttgctc tcaatgcctt gcatgagcct      240
tgnatgattg nattaggact accnanatta ncnncngtna tcncctttgn tnaaanngaa      300
ntcacnntgt atgtnacann atnctaatac ntcaanagg ncnngtattt tctgacnaaa      360
nagctaggca nctnaanata nccanattat atcnmnatcn ntngncnctt nattantaca      420
tacgnanacc tngtaaggna tntttnncan tggacattgc tacagatcag ntgacgatta      480
ngtancctnc ataantaatn nanngcattg tacnttnacn gatcgttctn ccnctgncat      540
gntncngttc ctnagtana canagctcnt cgtattctgg ncnntnnc gntatcngtt      600

```


nntaatgcan	atatccctat	gcaggtntcc	catatnnntn	tnatnatgca	tatagccttt	660
tgaangctcc	ccatntnata	tgcnatatt	ccaccatatt	aaatnttnc	tnnncgnact	720
ttggncacat	gtaagncttg	gtnacccaan	ntaatcatc			759

<210> 4827

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 4827

gaaanccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggtttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagttttga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttat	gtgaaatttg	tgatgctatt	gctttat	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggg	tcctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagt	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccggggg		767

<210> 4828

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4828

ttctaatttn	aatccttnaa	atnggttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagagAAC	acaggtgtcg	tgaaaactac	ccctaaaagc	caaaatggga	aaggaaaaga	120
ctcatatcaa	cattgtcgtc	attggacacg	tagattcggg	caagtccacc	actactggcc	180
atctgatcta	taaatgcggg	ggcatcgaca	aaagaacat	tgaaaaat	gagaaggagg	240
ctgctgagat	gggaaagggc	tccttcaagt	atgcctgggt	cttggataaa	ctgaaagctg	300
agcgtgaacg	tggtatcacc	attgatattc	ccttgtggaa	atttgagacc	agcaagtact	360
atgtgactat	cattgatgcc	ccaggacaca	gagactttat	caaaaacatg	attacagggg	420
catctcaggc	tgactgtgct	gtcctgattg	ttgctgctgg	tggttggtgaa	tttgaagctg	480
gtatctocaa	gaatgggcag	acccgagagc	atgcccttct	ggcttacaca	ctgggtgtga	540
aacaactaat	tgctgggtgt	aacaaaatgg	attccactga	gccaccctac	agccagaaga	600
gatatgagga	aattgttaag	gaagtcagca	cttacattaa	gaaaattggc	tacaacccccg	660
acacagtanc	atttgtgcca	atttctgggt	tggaatgggtg	acaacatgct	ggagccaat	719

<210> 4829

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4829

nnttttaa	ac	cttnttttta	acccttttta	aaacatttcaa	ctaccgggct	ttttgcaaga	60
ncccatcgat	tt	cgaaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatncntaa	120
cgggccctgg	cc	gctnacc	gtggaaagta	caggctctga	caactggggt	ncctgatggg	180
cctgggtgac	att	tatctcac	aacaacttgg	tggagaggcg	gggtctgnag	gaacaccang	240
agaggcccg	act	ctgacca	tgggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	ang	gtttgat	cngancatnc	ctgncaccac	caaantggga	tgcctgaag	360
aaaatgttta	tgg	atcangg	gggctttgnc	cccggtgttt	ctangctgen	ttntnccact	420
nggtatgggg	cact	taatgg	aatggntaac	ncagnacaaa	nttgggcccc	aactacatgc	480
gggattatac	tag	ntgcct	tatcaccac	tactntntta	tggntntgct	gtgccagntn	540
nceaaccttt	ann	ntgntgc	cccttttnatt	ncaaantgg	ancgnngncc	aaantgaanc	600
ntntnttttt	ntt	gaacct	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
nccttgccct	can	nttcnan	tngtnttccc	aaacatttnt	aggggnntac	aganttttgn	720
ncccatggg	aanc	naggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnag	tttggg	tttttcccg	tgncaaan	tttantaag	gaatttggca	840
ccccttgga	gggn	ccccnt	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4830

ttntcta	atnc	tngctat	cgn	agtnntntaa	gnncanttct	aataacttggc	ancncgatnt	60
cgcnn	nanca	tncnata	cag	tntncntctg	nncgaggcnc	ccangtncat	ggctnnatnn	120
anggcc	atcc	atagcc	cagc	tgggggccag	gcncantgg	ccatattgnc	tgnagcnnga	180
atgggt	gcccc	cctacnc	gaa	ttgaanggct	aagagtccca	gatagctagg	ccagagctgn	240
aagcata	cag	taagg	ggaan	agctgtctcc	acagganagg	gatagattcc	atctcactgc	300
gcancct	ggg	aggagg	cang	gatcctgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgaca	tgc	aaagt	catga	ctcctncttg	ntgagnactg	agctaccttn	tactgtctcca	420
aancnn	nacta	acagct	ctcc	aancccttgg	ggtgactcga	gatccnanga	nctgtngact	480
taant	ganga	tantcag	tcc	tgttctgcn	nggcaggcca	nattcctncc	tccaanaanc	540
nnnat	ctttc	naaac	cctga	anntgtancc	tntctnat	ttt	accagctan	600
aatnt	tanaa	anntann	cna	ataccnttac	tcnnaa	acca	cttttgnctt	660
tannng	nnngn	nctata	actca	cnntttagcc	ntaaan	mgaa	nccttnctnn	720
ttgtc	ntttt	anctt	ggnaa	actttctatn	tanaat	nacc	atccaaan	780
cntta	atntt	ttancc	nanc	tacaat	nnaa	canctntaac	ctnantcctg	840
aaaat	tnntc	nntanc	ct					858

<210> 4831

<211> 1786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1786)
 <223> n = A,T,C or G

<400> 4831

cgncncncnc	cnnccccnnc	ggnnncngcn	nnnacnnncc	ncnnecngcn	acgnncnnnc	60
naccnnnnna	ngagcncnng	ncgnnannnc	ncgccnacna	ngggntcgng	ncagcngnnn	120
ccangncnnn	cnnncgnnng	cncnggnann	gcngnancnn	nnannnnncna	cnnangctac	180
nncagcnanc	nnncnngcng	anagnncnnc	nnnagcgcn	ncncgcncnc	ncncngcnanc	240
ccacacnnac	gnncannegg	gncnngngna	cnggnncccc	nancntnnnt	cncnttttgg	300
ccaacncngc	ctgggcancn	accnncntc	gccncagnaa	cgngngnang	ggnnecgnnac	360
nnncnccgnc	cccanngncc	cntntncncc	ngnagnntcn	nnnnncananc	cncagcanan	420
cncanancn	cgccccnggg	ggnnnnncgna	ccnccnnnca	cccgcgnagn	gcncncncan	480
nncgngncgc	ctcccnncn	cncgnacccc	ncnnnnngnc	ccncngccn	gccncnnna	540
nnngccnann	ccnnncnccc	nanacacnnc	ngnecgagnc	cnnnnnnncn	cncncncnn	600
ccccnnngnc	agacnactec	nnncnncncc	agnccnccnc	nacccgcncn	ngnnnnctcc	660
nnnecganc	annncncng	ccnncncccc	cggnnctggc	acacgacncn	cncacgcncn	720
cnnccccnnn	nacnacgng	cncncnagcn	nncacnnanc	anncanngac	ncngacacac	780
cngcngaggc	aacacgncn	caccnnnaca	cncantnac	gcacccggn	catcacgcnc	840
gcnngancn	gacngagaca	acncagcnnn	nnncnagnn	nacacgcngg	cnacagactc	900
tcncacgnna	cgccannnnc	gcacctcnc	nnnacaccna	ngcaccgng	anancncgc	960
acnngngnng	ctcanacgca	ncangegegn	cngtctncn	ngacgcncg	nctcnacncc	1020
gcgngncncc	aacgncgcgc	cancnngac	gncgncacna	cngacgncac	nnnnacaga	1080
naggacncac	tngngcgcan	nnccnncgn	cgncancncc	cgacgcngt	atanacnatg	1140
cnnngncagc	acacannnnn	cnaacnngc	cgngccncac	gctctcgngc	agnacacgc	1200
ggngcgcctag	agccnngcat	cntagagcac	gcgcannnnt	ccngccacat	ngcacancnn	1260
canacnngcc	cncnncnnc	agaccnncn	nccanctcn	ganaccncga	ctcacaccnc	1320
nctnncgcgc	aanagnnnca	gganacgct	cngtctnca	ctgnganacc	gcangacgnc	1380
ccttnact	canacncnnc	gncacagnca	cncnncncc	nacacncnct	nncacatccg	1440
ngnnatcncn	ncnannnacg	nacannncgc	gcaccngcac	gcacaccann	gncngacga	1500
ccnncncgnt	canacctgcg	ancngctcat	gcgcgntnc	tacacnccgn	cngtncnnc	1560
cncgaccgnc	acagnncnnc	gctnecgntn	cnnccncc	gcgcgntccc	ancnncaggc	1620
nnctacnnnc	cagntatccn	gngtnnnngn	caacgncnag	cgntctcnc	acanncccga	1680
ngcgngnncn	ntnncnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgcgt	gtcnaccngg	atacaccgac	cccacc		1786

<210> 4832
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttgggaagca	nntcccatcg	attcgctcag	attaaggggt	60
ttgaaaaaca	aaccgaaaaa	gatgggcntn	attnagcctt	acttgattga	cggtgactta	120
atcagagggt	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	attttttcca	ttgttcagca	attggtggat	tcagggttacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatgtga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	480

gcaatctcgg	ctcactgcaa	cccgatacct	cctgagttca	agcgattctc	ctgcctcagc	540
ctctcaagta	gctgggatta	cctgcgtatg	ccaccacacc	cagctaattt	ttttttttga	600
atttagtaga	gatggggatt	tcacccatgt	taatcangct	gatctagaac	tnctggacct	660
caggtgatcc	anccggcttg	ggcttccaaa	aggactggga	ttaccagcgt	gagccactgn	720
acccaaaccg	nctaaacctt	ttaaaaaagg	attatttgg			759

<210> 4833

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4833

ccaacgcngg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggat	60
tagtactagt	tctatctgga	aaaagcccgg	gttggaagaa	gctgtggaga	gtgctgtgtc	120
aatgcgagac	tcattttctt	gaagcatccc	tggcaaaaat	gcagctgagt	acaaggttat	180
cactgtgata	gaacctggac	tgctttttga	gataatagag	atgctgcagt	ctgaagagac	240
ttccagcacc	tctcagttga	atgaattaat	gatggcttct	gagtcaactt	tactggctca	300
ggaaccacga	gagatgactg	cagatgtaat	cgagcttaaa	gggaaattcc	tcacccaactt	360
agaagggtgt	gatattcgtg	aagagtcttc	ctataaagta	attgtcatgc	cgactacgaa	420
agaaaaatgc	ccccgttggt	ggaagtatac	agcggagtct	tcagatacac	tgtgtcctcg	480
atgtgcagaa	gttgtcagtg	gaaaatagta	ttaacagctc	actcgagcaa	gaaccctcct	540
gacagtactg	gctagaagtt	tggatggatt	atttacaata	taggaaagan	agccangatt	600
taggtaatga	gtggatgagt	aaatggtgga	ggatgggagt	caaaatcaga	attatnngaa	660
gaagtatttc	ctgtaactat	ngaaagantt	atgtatatat	acatgccana	aatatatatg	720
tgtgtgtgtg	tctgnnggat	gatatatgta	tatctcttcc	tatatatatc	cc	772

<210> 4834

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 4834

ggnnncnnnn	tttttaactc	ntgccctttg	aanncccttg	tacctcncnn	ngganggggc	60
cctngttnna	attcgctncn	acccanngat	gggccagngg	gngaacttnc	ttgagtatgt	120
cgccnttccg	gnggncgttn	nctnngttct	acnnagaacn	cttngagggc	tgaaaataaa	180
tntggaagat	nganacaccc	tntgnggggt	ctctctgaga	caaatccatn	tggtgggtaa	240
ttgnacanta	aatntttttt	gntcaaatnt	nnaaaaaaaa	aanangcctn	tacaactctt	300
gtgagtcntn	ttaccnccat	ccnnacatga	taatgatata	tatgatgatg	ttggncacaa	360
ccaacatcta	gaagtgcgnt	tnaaaaaaan	gctntntttg	cgnaanntnn	gatnctnttg	420
nttnnttnga	nncnnttgng	cctgnataaa	caagttaaca	acgacanttc	tttcattagg	480
ggagtcngna	tnatggtggg	ggccangnan	gngttcntga	atctngcntc	gtctcctnca	540
ggncatntnc	acnacacccg	aannttgggc	atntntnttt	gncntntgaa	cggnnnctng	600
gngttnatca	aggatatnnn	ntttcctgtg	tgcaaaatnt	gtccctctnc	naattccacn	660
ctngcatgcc	atcccggnat	cattnaaggg	taaaantcct	ggggggnggc	cnnatgcagt	720
nngcncaacc	tcncatttgn	atngctgggt	ggancataan	tggccctgct	attttanttg	780
cgnggnanaa	catnncttgg	ggcctntngt	gncatntaan	atanattggg	gcg	833

<210> 4835
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4835
 tttattccat cagctcttgt cttttgcong tccctcgatt cgaattcggc acgagattct 60
 ccctaaatag taaatccac tgtatacaaa actgttctct tgttctgcct tttaaaatgt 120
 tcatgtagaa aattaatgaa ctatagggaa tagctctagg gagaacaaat gtgctttctg 180
 taaaaaggca gaccagggga tgtaatgttt ttaatgtttc agaagcctaa ctttttacac 240
 agtggttaca tttcacattt cactaatgtt gatatttggc tgatggttga gcagtttctg 300
 aaatacacat ttagtgtatg gaaatacaag acagctaaag ggctgtttgg ttagcatctc 360
 atcttgcatt ctgatcaatt ggcaagaaag ggagatttca aaattatatt tcttgatggn 420
 atcttttcaa ttaatgtatc tgtaaaaagt ttctttgtaa atactatgtg ttctggtgtg 480
 tcttaaaatt ncaaacaaaa tgatccctgc atttcctgaa gatgtttaaa cgtgagaagt 540
 ctggtaggca aagcagtctg agaaagaaat aggaaatgcn gaaatagggg ttgtctgggt 600
 gcatataatc tttgctcttt ttaagctctg tgactctgaa atatatTTTT ggggtcttca 660
 gtgtgtttgg acaagacact tgatatttct atcaaacaaa tgactttcat attgcaccaa 720
 tctttgtaag accactcaa taaaagcttt taaaangcaa aaaaaaaaaa aaa 773

<210> 4836
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 4836
 gccnnttgan nccatcanct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgagggggcnc aaannatntc ntgatgacaa ananctctgt atancaggtc antcncagtg 120
 ttnanagtct cagttgcttg cttgggggaa tngngtccct aatgngaata gnntgctnga 180
 ttgctcnggc nctgntactg tgacagtgtt tttagacctg tgttntctaaa aaaaanatna 240
 atgcnctgaa aagggtgttg ggaggggtgg tcancataga aacanagatg ttanggtgtt 300
 tagatttang gttggnaaca aggtcatctt tagtcaccnc actgggnagg cagcatttgc 360
 tacattggcn nactaactnc cnttgetann nnntttcang antncaanna cntgtgnatc 420
 ntagtatnnn agnntgaaat nantttccac cannagcggg cattgtttct atcacagcat 480
 aggctatgtg aagcnaactc tannatgata aatgacaccc nntnttatct attngcatcg 540
 acccccgctc ctacaagaaa gtnaccaaaa attttncccg ggcatgntgg tnggggcacc 600
 ctgtnggtcc ccagctatct caaaaaaggc ttgangngng ggaggaatca cttggacccc 660
 cggggggggg tggaggggtg canttgannc caaatcnacg cccactgcan ttcccgncctt 720
 ggggtggaca caagngagac ccccatTTTT taaaaaana atnaaanacct cctttggnaa 780
 cnngggggna aantctnttc tttttnanga anttttctntg ntnggacttt ggggttccctc 840
 tatgactttc atntc 855

<210> 4837
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4837

nnnnnnngann	nnanagannn	nnnnnnngan	nanntcctnt	tnnnntagga	nttgnaaatn	60
cctcgttcta	aatncttgg	aaacncctng	ctnnanggtg	cgngccactn	tgcccggnnc	120
gaggggtggc	ncacacncta	atntcnctgg	gtccatggta	ntnccnatta	ngcatgctgt	180
gttnntgcan	atgatgtant	acganatcca	cggtgttngg	ttaatgattt	attcactcat	240
tagtcattcc	acaaactagt	ctngagcacc	ngttatgnac	ccancactgt	gctggaatgc	300
tgaggagaca	ggagtgaagt	aaaaagacat	ggntccngca	ggaaacaggc	aaggagagcc	360
ttgacttgac	ggantctggc	aatancgcca	ggctggaatg	caatggcgcg	atctctcctc	420
actggancct	acgnctncng	ggntnaagca	antctactgc	ctcagnanct	ggagtanctn	480
ggnactacag	gcnngecgta	ccacncgcnn	atgagaaaac	ttnnngccac	agagaggtga	540
aataagttag	atgcttncta	acctaatacg	anaaccncgt	gaaaagattt	ttggcaacct	600
gaaaaatccc	atnctnnmnt	gaggattnta	tngncaaccn	gnaatcaant	cttaggnaan	660
atgaatgccn	nttcgggant	aaattcnatt	tttnntnate	tcccannaag	gaaggaaaaac	720
ntnnnaagcc	tctangaatn	atnnngnctt	nctaaccncg	ngtantcaaa	actnttnncn	780
aatctattgg	naaacccgat	ctagannttt	ttnaatnacc	ntnaaaatct	nnaaaagaaa	840
gnncaatnag	tatnttattc	actcgaaaag	tctccaaaac	ncnntaaaag	aactcnantg	900
gaccaaacta	cncnttgng	gaannttaan	cc			932

<210> 4838
 <211> 1358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1358)
 <223> n = A,T,C or G

<400> 4838

ttgnnggaac	cccnntttt	ttntttaaaa	aaaanccccc	cantttcccn	aangggccct	60
taacctccng	gtntttgtan	tnntttttta	ctgatnngaa	angagcanaa	cncncagatn	120
gntnantgta	aanxttncta	tcncncncn	aangtanctt	nctttgtatc	caaccnnggt	180
ntagtcgtct	cnnncntaga	ncttaantat	ataannnata	aacacctacc	gtgntatann	240
tntgtacann	tannnnncgc	gcgnngngca	ncnnangtea	tatanacct	gcgccanatn	300
cttctacana	ctacanccnt	atnanggnnt	nnataaagtt	cttaataacg	catcatnntg	360
ttcaacaact	ggggtagcta	tantgaacan	tctnancacn	naannatngn	ttcncaaaaag	420
ganaancatc	tcnntatang	antaccctnn	ntttgnncaa	tnatatnaaa	tncnntganc	480
nancncncgt	ntgnntnnaa	gnntgaatc	tngncaatat	gttggnnnnn	gcntnntnnn	540
tttnanattn	anaaaccttg	ncntnatnat	ncatgtggta	tgtnaanacg	tnctttaaaa	600
taggnnnaag	acgnnccnat	tgcnnacnt	tatanaatnt	cntnnnncca	tnntgctcga	660
ttntgattac	aaatattgnt	gcngannngn	anaatnacct	cnatcttgat	nccttnmaat	720
annnannnaa	anaattnnnt	nctttctnnn	tcacacnaca	ttccnacgta	ccntnatnat	780
ctttgtnnna	cgtcattgta	cnaacaactt	aatgtagctt	tgnnanacnn	aacaatntcc	840
tctctttggn	nnnanggnat	gcacncattt	ccnnttgnta	ntaacctann	tcngnnaata	900
ttgtaatagn	cncttaacgc	ntcnaantct	cgggtaatcn	nancaaaggt	ttgtcacnaa	960
ttctnnnccg	ttncnangcn	taactntntn	cntaanacat	ngattgntta	actcgaangn	1020
atatgancgc	gancgcatgn	ncncanangc	tcacttcttg	ggataccccc	gctctacttt	1080
anactcttta	angncanang	gttacganac	tgactngna	ctgtangctt	ngtttactct	1140
ncncnccgna	anactcntcn	atangatgnt	tangcncna	cgcnnnnntn	ncgnantcta	1200
tncgagcana	ntnaacnnnc	tccanatnaa	naaaatngtn	nntgtngnac	anataannga	1260
cntatccttc	tgtatattct	cgacgcgaan	anatggtacg	tgagngnttt	acntaangta	1320

ncanatntgn ggtnnacact nnnntatnecg agcctccg

1358

<210> 4839
 <211> 716
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 4839
 gnnnttttanan atcagctact tgttcttttt gcaggatccc atcgattcgc tgaaatgtca 60
 aacacggcca cctaggcagc atttacaanc aagagtcac tgcttnnttg atgtatatct 120
 taagcgcccc cagtgaatga acagcatata actccacata aaaatcatta aatgtnattg 180
 acttcagag caggcagttc tgtgtgtatg cctctggaga aggctggctg aattgnaatt 240
 ggtctgtacc tntgcctat catgtacatg angtnnttg gcaaagagaa ctttccanaa 300
 nataagtcca naaattatag atcatcanac naccaatgac atattgntga gatatctnca 360
 agatctagaa tngnccctggg tgtcaaggaa gtctntgggg tttttacaaa tattgataat 420
 gcncttttta taaaatgcac tttttataaa aatgcattgt cacttgagac aacttgaaaa 480
 acacactaga aaaggccggg cgtagtggct cactgntgta atcccagcac tctgggaggg 540
 cgngacggnt ggatcacgat gcangagatt gagaccatcc tggctnacat ggtgaaaccc 600
 cgtntctact aaaaatncac naaaattagc anggtgttg tgcgngggc cctatagtc 660
 catctactna agaagcttga tgcangaaaa atggtgtgaa cccaggaaac gagctt 716

<210> 4840
 <211> 758
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (758)
 <223> n = A,T,C or G

<400> 4840
 angcagctct tgttctnctt tcaggaccct atcgattcga attcggcacg agccaagctg 60
 taccagagtg cangaggcat gccaggagga atgcctgggg gatttccttg tgggtggagct 120
 cctccctctg gtgngcttc ctcagggcc accattgaag aggttgatta anccaaccaa 180
 gtgtngatgt ancattgntc cacacattta aaacatttga aggacctaaa ttcgtagcaa 240
 attctgnggc agttntaaaa agttaagctg ctatagtaag ttactgggca ttctcaatac 300
 tngaatatgg aacatatgca cagggaagg aaataacatt gcactttata aacactgtat 360
 tgtaagtgg aaatgcaatg tcttaaatna aactatttaa aattggcacc ataaaaaaa 420
 ataaaagaaa actcnnccct ctagaactat agtgagtcgt attacgtaga tccanacatg 480
 ataagataca ttgatgagtt tggacaaacc acanctagaa tgcnnngaaa aaaatgcttt 540
 atttgtgaaa tttgagatgc tattgcttta tttgtgccat tatgagctgc aataaacaag 600
 tnaacaacac aggttgcat catttnatgt ttcaagggtc aaggggnagg tgtggggagg 660
 ctacttaatt tcattgacgc nggnccttg cnttnngggc nnngacccca gntttttgtn 720
 cctttngngg aggggttaant ncnaacttng ggttaann 758

<210> 4841
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

<400> 4841
 agnnnantnc tatgatecct tgnnncagga tccatcgatt cgaattcggc acgagtgcct 60
 ttgntcccca actctagggg gctagtttca tacatttaan ancncctgctt acctcanage 120
 tccctttttag cancngcaga cttnnanata tgtttaacca gttccctata ttaaattctc 180
 tctggnnaaa tacatggngg ggctttgatt anctgctgaa ccctnagnga tncataccnn 240
 atnatgctnc nnaannnatg cnatannent acaannatnt gtantnnagg atncctatnn 300
 cnanactgct ngtnntanca ncatcancat gacannnacc tttaaangtn ttcnatntan 360
 ctanaattat ctaaaatgtt aaangncnta aaacannnna ntaagcaaaa gatganntca 420
 agtgtatgtt catttagtag tgacttgtag gatttgacgt gttcatgaca gctggctatt 480
 tgtattgtct gaatgatagt gtatttgngt actttgccc ttgcctattg gggcattnta 540
 aaatngatcc ttaggtaatg ttaattaaga acattgacct ngggcanggc gcggtngctc 600
 acnctgtag nncnaacacn ttncgagggc gangcagnaa attcnanana angagtttga 660
 tacatctggg caacatngcg aaacctgnct ntctanaatn tananttagc cggcangng 720
 gagctgcnga ntccagtag 739

<210> 4842
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 4842
 ttatnnntac cgctttgcna ctncncgcag gatccctcga ttogaattcg gcacgaggggt 60
 gattcagatg atggcgaaga tggctgaggt tntgagaacg ganaaatnaa ggcnccttcgg 120
 acagctnctc tggcaatgta tctgaagggg aaagccctnc tgacagccat ggaggactct 180
 ttccagggaa gacagnnata aaangacaaa gctgccactc cangaaaaga tgggtcccaaa 240
 cgttctgtac tgtccaagtc agttcctggg tacaagccaa aggtcattcc aaatgctata 300
 tgtggaattt gnetgaatgg tnaggagtc aacatgaaag gaaaggctgn atcactnata 360
 cactgctccc aatgtgagaa tantggccat ccttcttgcc tggatatgac aatggagctn 420
 gnttctatga ttaagacctt cccatggcan ngcatggaat gtaaaacatg catnatatgt 480
 ggacaacccc accatgaana agaaatgatg ttctgngata tgtgngacag angttatcat 540
 actttttgag tgggccttgg tgctattcca tnacgtcgct gnatttgtga ctggtgtcaa 600
 cngnccncc caacaccag taaantgtgg caaaaagggg aaaaatnagc aaagagggat 660
 naaancgttt ttgactctaa tctgtatatg catttaagtg gaatatttgg tgccattttc 720
 aacattantt tcatgcccat aaaagaatnt 750

<210> 4843
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (730)
 <223> n = A,T,C or G

<400> 4843


```

tnnctttgat tcaattcata gcnactgggt ctttttgcag gatcccatcg attcgcccag      60
ggcgcgctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga      120
gctagtgggg cctgctcaca cattccagta gtttctctct tatttgctct gaaccaagtt      180
gtagaattta aaggagggtga agtaaggcga tttctatgga aaatatattt ttcttcttta      240
ctcctcatgc tgagtgcata agaatttatt atttccctcg aatgttcaaa gtggtgtgtg      300
tgtgtgtgta aaagaaccag gagcaaacaa tcttaatagg aatgtgcatg cttgtgttta      360
tctttagcac acttaattag ctacaaccgc ggactgttgc catttgaaca agttgttaag      420
aaaatctgcc atgttttgct ctttttcaaa aggaatgact ttaataacca tagcaacact      480
tactcagttt tgtgatccac tccaagatta tgggagcaag aacagatnct cctgaaagca      540
accctcacct tcttccccgc cctgcccctc agcaagtctt ggctgtgtgt aactgaaggg      600
tttggaagct ctggttttcta ngagtgccca naactagaaa gactaggggtg tctaattatt      660
tgagggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcactgca      720
ttgctttttt                                     730

```

```

<210> 4844
<211> 818
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (818)
<223> n = A,T,C or G

```

```

<400> 4844
tntcctncgc gngncgnatt ccnctaagga gaggcncgga tccctcgatt cgaattcggc      60
acgagtctcg atctcccgac ctcgtttccg cntgcctcgg cctcccnnnn ngcngnnatt      120
acaggcgnga gccaccgagc tngncctgga tcaaattctta atccatgcgc atgggnacac      180
aagantactg ggttgaannn attctagntt tgnattttaa atacntgnng atgaatctat      240
tttagcacan ggtataaata actcgggagg tcatctctat cttctctcct tnantgcatt      300
tgggtataacc acgtttaagn nctaaaacag ctngcntat gttggccagg ggaaaacatg      360
gcatnctgtg cgcaaagntn aatgatecgn gncennnctt ggcccctccc tgggtttatg      420
gncancgtaa gangcccgca tgttaaagct taaaccgtca nttgggctng gtgtaaatcc      480
ccnattnaat tcntggnggg ncaannctct tgaccccgna aacaatggaa agggccanct      540
ggggcctcna anntgtngga gcccenntta acaaacnntt antngnaaac ctttggaatt      600
ccaaccttna aaggggaggg naccatggaa gatantttag tggcccgntn ggaattgnan      660
ccccctnaan gcaattagtt tcnccnaatt ttcttggttn anaaaanatg cncnnaanac      720
cngggggggc caannctggg ctaaagccgg nggggctcnc anaaccnggg tttttaactn      780
tngatacant angnggaaan aangggcccc tttttaan                                     818

```

```

<210> 4845
<211> 748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (748)
<223> n = A,T,C or G

```

```

<400> 4845
agcttcattn nactatcagn tgcgctgctn tangtgcngg atccnttcga atccngcncg      60
aggcgngang gcangganng cagngcncan gncennntaa gcnnttttct gtcttatcac      120
ncagngaatt aanntgaact ggatcngaac natcccatat tanccgatcc tttntcnaa      180
tgaaagaaaa nacntannna gaacanatan gctnaaactg atacagnaag tngccgtcag      240
cctctagaac tatagtgagn ngaatgnent acanccanac ntgatnanan acattgatga      300

```

```

gtttngncaa accacatctn gantgcantg aaaaaaatgc nctattcgng aaancantga      360
tgctattgct ttanttngga accattataa gctgnnataa acaagctaac aacaacnatt      420
gcattcatnn natgctncag gancacgngg aggtgnagga ggnagtgtaa ttcgngggccn      480
cggagccaat gcattggggc cagacccaen tntgaccctn tagtgagggt taatggcgcn      540
cttngcgtaa tcatgggtcat agctgcttcc ngcgtnnant tgatanccgg tgcaatntca      600
ncacatacga cggggacata aagtgaagc ctggagnanc ctaangaagt gaccaactca      660
cattnatngc ctgngntaac tgnccnttc cagtngggaa accnnnncgc canatgctta      720
angaatcngn caccgcgg ganaggcg                                     748

```

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 4846

```

gnnttnaaan nttgcttggn nnnnncnctt tccgcaggat ccnanncgat tcgaattcgg      60
cacgaggtnc agctcnccta nctggnatnt gggnggtngg aaacatncnc tntcctgata      120
ccantgtgcn ngaatcanga nacatangcc attacacngc gtctatgcaa gcttgacacat      180
aacntcangt actgcagctc acacaccctn tgcnaggcng aatnantngn tctgcctcgg      240
gatacnaana atntcggtc ngcctcagng ctaatgaten tnatgtngtg tntctnnagta      300
nntgctgtat ctgngtggtta tntntgccaa actctagnta ntgatcttat gatcccttnt      360
ngaantaana tgggggttctt gantgntctga gaacgacttg cacaatgngt tnattgtggc      420
acgtcatctn ncaatganta nnnagnctat tnnccanggn anactcngnt cntactnggc      480
nctaagcact ntnttgncga tngncancnc tctgtgaaat ggaattacng ntattcatgg      540
ntaattacnn attttgccc nctttctgtt tntacaatga aggcttaaan ctaantgtcc      600
aaantgnata atgntccctt aattanaagn ctacttcatt caagtganaa nngnccgtaa      660
tnaannnta ctctncnact gcataatatn nncctnagga cttnn                                     704

```

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4847

```

agntntttcn atttctnatn ttgttctttc tgcaggatcc catcgattcg aatteggcac      60
gagagcagct taagcagcag acgcaaaatc gaatgaagct aatggccgac aactacgagg      120
atgaccactt caaatcctcc cattccaatc aaacaaatca caagccctcc ccagaccaga      180
tcattccagcc cctcttagaa cttgaccaa atagaagtaa attaaagttg tacattggac      240
acctgacaac cctctgcat gaccgagacc ccctgatcct ccgtggactc actccaccag      300
cttctataa cttggacgat gaccaggcgg cttgggagaa tgagctgcag aagatgaccc      360
gggggcagct tcaggatgag ttagagaaaag gtgaacggga caatgcagaa ctgcaggagt      420
ttgccaacgc cattcttcag cagatagcag accattgtcc cgacatccta gagcaagtgg      480
tcaacgccct ggaagagtcc tcttgaccct gctttatggg gaagcctgag gtagtcaacc      540
caggagccaa gaaaagagaa ctacgaggaa cagggtgccc gaaccttctt ggcaccaaac      600
actacaaact tcatcccaac ttgctcactt gaagaagtgt gattncagca cccgtttcta      660
catctgccat cttactctgc ctttctgctt tggatgtggn ctctacacta acctnttga      720

```

tgtccanggt agatnaangg tcgaatcttt ntgnaaaa

758

<210> 4848
 <211> 1030
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

<400> 4848
 gcgtcncact ttgaancntc naannngnggg caatcnaatc gcncnangnn nctaggtann 60
 cgaattcggc acnagagcag gcgcttggn cctaagggtgg atgttagagt agtgattatg 120
 gtcagcgtgg gtgetatncn nggtgttncag nttttcanct ggnggaatag ctacaataag 180
 gnaatcagct acctagccac agngcccaag tncctgtntcc aagctacnga gattgccaaag 240
 cancanggac tgntcaaaaa agccaaataa aaaggcnaaa acaaaaaagtc caangangat 300
 atccgngacn aggangagaa catcntaaag aacattataa aaagcaanat antatttana 360
 ggggtgncan tcagnaacnc caaatantgn gnacntcct ctgtatnana tcaatcctag 420
 ctccntntnn cctatnctca tatccnannc tggcatangt cnggagagat ctacnntttc 480
 aacatcaanc ggntnnnnat tatggnanag nantnacaga tcantccatt ctacnntaaa 540
 tctatnaccn ngtnnactnc tctattnnaa tnnnactatg aanatnctct naactaaaanc 600
 ntttctttta nncnaaaaanc ctctggnct ncatggnnnn aattnnntac ngtccttnc 660
 aaaccnncna nacacncacn gancntaatc ttcacaanta nnaacantct gngctnanct 720
 cgaacncccc tnaattggct naccannatc ntccactggg atcatncggg antggantta 780
 aanngcaact cggntctctg nggntcctg nattncaann atcnnnnngc gnnatattnt 840
 cttgcacaca atatannctc ncgnaatttn ncntannctt nnnnctctca aatactctct 900
 ctanacatag agcaattann tntctgatna tactntngac cncgtcanc acnacngngca 960
 caanannata tcattgtaca ttcantatc tgtngacttt acnacagtcc cngccaatnt 1020
 aacaaacnnt 1030

<210> 4849
 <211> 761
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4849
 cnttncctna ncaggatatgg ccattncnt ttntgcagga tcccatcgat tcgcctgtcc 60
 gagagagccc cgctcacggg gcacagctgc tacttttttag gccntgctgc acttccggac 120
 ccactgcttc aactggcact cccccacgta cgagtatgcy ttgagacatt tgtacgtgct 180
 ggtcaacctt tgtgagaagc cgtatccact tcacaggata aaattgtcca tggaccacgt 240
 gtgccttggt cactactgaa gagctgcctc ctggaagctt ttccaagtgt gagcgcccca 300
 ccgactgtgt gctgatcaga gactggagag gtggagttag aagtctccgc tgctcgggcc 360
 ctctggggga gccccgctc cagggtctgc tccaggacct tcttcacaag atgacttgct 420
 cgctgttacc tgcttcccca gtcttttctg aaaaactaca aattagggtg ggaaaagctc 480
 tgtattgaga aggtcatat ttgctttcta ggangtttgt nggtttgcct gcagttttga 540
 ggagcaggaa gctcatgggg gcttntgtac cccctttaa aggagtcnnt attctganaa 600
 ntngaancctg aaacctttnt aaatcttcan aangatttt attngaanaa ggnccnnanc 660
 nccnaaangg aaaacnnnnn tnnaaaant natnantttt tgaaagnnnt ngnttttnaa 720
 actannnnng nnnncnnaan ccaancnnnn nnnnaanacc n 761

<210> 4850
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4850
 ttnacatcaa gctcttgntn ctanccccctt cctcgtattcg aattcggcac gaggagagag 60
 agagagagag agagagagag agagagagag agagagagag attnagagag agagagagag 120
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 180
 agagagagag agagagagag agagagagag agagagagag agctnaaggg aaggctgccg 240
 ggaaggcaaa tggaacagga atggacctgt ctcangaagg ccagctgcan gtcctccaca 300
 aaatcaaaga aggggaagaaa ctctgagttt gaggtacagg ggcttcnngg tgcacacgtc 360
 cctccagggc ccatggtcag tattgcacct gtgttatgaa ccccatatc tgtgcagggc 420
 aggggcgggg gctgctgttt tattggggag gggagcctcc taaaaatggg gtccaggcag 480
 acccctccag acctcacact gncgaggagg cctttcccaa aggggcgttc tccccgggat 540
 gcanaccgna tgttttgtgg gaaaccnccc tttaaatacc ccacaccgac gtattccttg 600
 ttcccgactt tttcccggtt tntttgtttt gaaaaatacc tgtnngtttc angcctcntt 660
 ggatcttaaa atgggcaana atagggaacc tttttttttg tcaccaaaaa aaatacctgg 720
 ggggggaaaa attgtttgtt aaaaaataaa gacntttttg ggaccaccac caacnttttt 780
 tggggggcct tccaccttga anctttccaa ntttttttta aaccatgggg anttttattn 840
 aaccnttaaa tgggtttttct tgg 863

<210> 4851
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4851
 cgcggggcna agcgnagcnc ttcccaacnn ccttgatcc natcgncccg aattcggcac 60
 gagtatgggc ttgnagaaat gctaccgttt ttttncctgt tnanacntgg atcccgaac 120
 tgnactaacg tnnagtatca ggcnaaatgn cnggaaaggg nnggcttatg naggcaacta 180
 cagatagttg taagggatca tacagaagat attgatgata gnngaaatat tcttagaagg 240
 ggtgtgtatg tctagctgng tctaccatgt gtatgtattc ttgacaagca gtataaaata 300
 cctgtgantt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat 360
 catccctaatt gtagcagggg gaagtattta attgcccattg atatgtattt tacttatact 420
 atgccagaga ggaaacnata aagnaattac acatgtaatc ntgggttntt cacatatgta 480
 ggtatncatt tngagtaggt tgaagaaaga aaaaaaatat ttaaatgaan tgaattcctg 540
 atgggatagt ancaataagt atttaaaagc cngtattcna aaaataataa aggggtacgg 600
 catttttgag cttgnnttc ntttgctacn ggaaatantc caaanmaaag ngntancant 660
 ggcaccngct ggnetcaacg cacntatttg naaccgcact gganaggatg aacaaggggt 720
 nagncaatag caaaccccta taacattccn ggccaaanac c 761

<210> 4852
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacancctct	tggttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtccctact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgttttaaa	ataatgcaa	cgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcatcat	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccctgg	aaatgtatac	tgattactat	cttcagtgtg	aactagaaca	360
gctattttcag	gagcacctgt	tggtctcact	cataacactt	ctcagagatg	ctatatcttg	420
tgaaaacact	gaacctcgct	ctctocaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctggt	agtcaagtgt	attgggtgaag	aaaccaagta	540
tgaaagcatc	agactttctgt	ttgatggctt	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtcaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggtg	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaattttac	ttttttgggt	atatcttat	779

<210> 4853
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	anccttttnga	tcnnttttga	ggatccntct	tttcgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactggtttac	naaactgttc	tnttgtgctg	120
gcntgctnan	tgctntgtag	nnccctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagnng	tgnnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	ttnacatttn	agtaangnac	gatattttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgtatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnttccttt	ggcnanaaaag	gganatntca	gaattatatt	420
tcttgatggg	gtctttttcaa	tcantgtatc	tgtcgaaaann	tcttaganaa	ancatgtgtn	480
tcncggtgtt	gtctaaaaan	atnctttcaa	anatgacccc	tggaattncc	tgananangc	540
ttaaactgta	gaagacnggt	nggcaaaaaca	ccctncnaag	gttnttggna	angcccnant	600
ntgttttgtc	tggcccatat	aancttngcn	ccattnaagc	cncgggngag	ctttgnatnt	660
atattngngg	ngttactttc	tttgnncctt	tgcggggaac	ancttnnata	atgcttntcn	720
ncccnanttg	gacntttgct	ttttgnnncc	nnaccccccc	aaagggngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggtcccttn	ctnaaaaaaa	nnnnt		825

<210> 4854
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 4854

gaaaggaagc	acgcaaagca	actcccagca	gcatcccagc	naaangccca	gaggaaggna	60
cnnggcagna	cnaccncnc	gngcaccgcn	ttnttttccc	cagtaggnngn	ngacacgccca	120
acnnnnngggg	nccncgngga	caagaggcng	ancccaaaac	nngacagggc	aaggaccenn	180
cagaacnggg	gangngacc	agagcgcggc	cnagcgagaa	acagccngcn	accggnaggc	240
canaaanncan	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccncaagagg	aaaaagaccc	ccaagggnna	aacacaagcn	nagggcgangn	360
ncacggggga	cccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaagggncaaa	ccgcaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naangggctc	540
gnaccgggcg	ccantngcca	aagngggncn	cccncaaacg	acccggggggg	ncnaaacccc	600
cccgggggcc	anccacncan	ggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccgggggca	acccaaaaan	ccnnggagcc	cngngnccca	naganacngg	aaacccggggg	720
gacgncccca	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnaccnang	ncaangggggg	naaagacaaa	anagaccccn	nnganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacnncaggg	ggnccccccc	nggggaccnc	900
ggggngngcc	nanaacccnc	aaaaaacggg	ggaaaaacncc	ccccccana	aaaggcccac	960
nggacnnana	anccccccnc	ccngggaggn	nncccnacn	cccnggnncc	cnangaaaaa	1020
cnanannggg	gnaaaaaacc	cnngggngnc	caaaaaaagg	gggaaacccn	ccgagggggg	1080
nganncccg						1090

<210> 4855

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4855

gctaannngcn	ggctactngt	tctttttgca	ggatcccac	gattcgaatt	cggcacgagg	60
gntgggggnnt	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctanngnntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atncttctgg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanagnctt	tatgtggccn	antgcngtgt	aatantggcc	ttaagnatcc	tnttcanaca	300
nnagctgnnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttgnnaa	canngactgn	360
cngcccanaa	taanggctgg	gatgttgaac	tctggantct	ncgaacattg	ngtgaganan	420
attgncngan	gctgtantct	nttttaattg	gatnggncca	atgnnctgta	ttaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	nacctcagc	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtntc	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nnctgtatctn	tcactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggcnctaant	tttnaattaa	aatggctnat	720
tntgtgttga	taaaaaaac	tcgagcatat	ttnnaccctc	tngaactata	nttgagtcn	779

<210> 4856

<211> 1776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1776)

<223> n = A,T,C or G

<400> 4856

ggngggagggg	nnggnttttn	naggngngnt	ttannngtgg	ggaaaaaacc	ccttttttnt	60
taaaaannnn	actttggggg	gaaangnngc	tgnanatan	cggcctnnng	ngananagng	120
agtcgngngg	ganagnnggn	tgnnnnnnng	agngatatag	gntanganta	gtananggat	180
anannagaca	gngaacngta	gttttttttn	agngaganan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caagggggtg	nnaaggcgag	anncnaactc	gnannanaaa	300
tgaaannnnn	anacngtggn	ananantgag	cgnggatnna	tnnntgcaan	ncataagaan	360
tnngaattgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagngaag	ncgnancnna	420
cnnnagnnga	gaagnagtan	nangaccnnn	aanggantnc	ngagagggnn	nanaaggatg	480
nnnannnnnn	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna	540
rngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaagnn	600
nnannacgta	tangagntgt	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnnngancna	nncgaangaa	aatatcacgc	tgannngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn	840
ntacganagt	gannananga	anantgantr	aggataacga	nnagnnnngt	ntatnnnggn	900
tanaggngag	agntanantg	ctgcncncna	nannanngaa	tnacgcgcnn	gncgancang	960
nnanaatngg	gnannangan	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagnngana	tgagtgtctc	gncnntagcg	aganantacn	gngaattntnt	1080
anagagntgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cgagtgtag	agncgattag	1200
agagnaaacn	nngncacggt	gtatnanaga	tnagagacang	angagaactg	cnnacaagna	1260
nnntannnaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnnca	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaag	ctacgttctn	nncnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtnng	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnmagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgnnganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnmngnc	nnctanatga	ganngnncaa	ctgtntatac	1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct			1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4857

gttaattctct	agcnaggctc	ttgntntttc	tgcaggatcc	catcgattcg	aattcggcnc	60
gagggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaattctatc	aaatgattta	240
gatattccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaagaaaac	cttatcaggc	taatagttaa	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgtaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaattc	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgtctaa	tanagcantc	acacaaagga	ataagggaaa	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858
 <211> 1197
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1197)
 <223> n = A,T,C or G

<400> 4858
 aggggtttac actnctaaaa ttnttgagct nncgntgggc gnaaaggggg cnccttaaaa 60
 naanttaagg ccncctnaa aaanaatcag ggannattnt ggggggggctt tgngggggggg 120
 gtcactctatc nnnacacnt aantntatta cncatagata ctcaattnc ntctctagna 180
 natnnnngga tctttntcgg ctntnnancc nctctacta ttactnctna aacgtncenn 240
 catantctnt ntacacatat atctnanata ctatacatat antntcatan tnttactact 300
 ctntntctc ntctacatct ctanttatnn ntcnntcnc ntctnctatc tantctcata 360
 tctnnaagac nnaactatctt tntctcnntt cctnctntcn cnntnttanc ccnatnann 420
 atctntcacc nttnattttc naatactcta tctattant aactatctnc tntttcnnc 480
 nmntnnnnct atnnnncttc tananactcn tccnctnnnc tntnnncnnn taantcnntn 540
 cnntctctnn tnnnnntnnn tgnnnancct nactaanntc ntcnntcnc ntnattanna 600
 nattnttaca nntctccct ncanctnnnn nattntatan tctntttnc nnttcantnt 660
 anatnttntn nctancntc nntaattcaa nattnatntc atctcnntt ntnancaat 720
 nacaatnacc nccanctac ctaatnttna tcnacacna cncnnnctn tancnnata 780
 tnaactcnnc anttcnntnt natctctnt tncacactc cnngantat actnntnaca 840
 cttcttatat nntntacntg tnataactc ttnacntana tatnnatcan actnatanaa 900
 agcatactat catcttacct nctntnatat accatncacc aatcacttan tntatncatc 960
 tcannacanc tccacatatn actcatcnc aatatgtctc tataatnntn catctactca 1020
 ntcacnnna ctctntagat atatnctata ctnancnta tatntatcna ttcactaca 1080
 nantancn catctnttgn nctatacnat aattgtntct catatntnt tctctacan 1140
 nctttatctc gatnnttctc ntgtancn nntntatcta natatnacat atcacat 1197

<210> 4859
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 4859
 gaaanccct ttgttactnn gtnccttttg caggatccct cgattcgaat tcggcacgag 60
 ggggattcat aattccagac aggtagagaa cgggtttatt tatgtagaga cagagtctcg 120
 ctctgtcgcc cagctgaggc ggggagaatc actttgacct gggagggtgga ggttgcgctg 180
 agctgagatc attacactgc actccacctg ggcaacagag tgagactatg tctcaaaaaa 240
 aaaaaannaa aaaaaaact cgagcctcta gaactatagt gagtcgtatt acgtagatcc 300
 agacatgata agatcattga tgagtgttga caaaccacaa ctagaatgca gtgaaaaaaa 360
 tgctttattt gtgaaatttg tgatgctatt gctttatttg taaccattat aagctgcaat 420
 aaacaagtta acaacaacaa ttgcattcat tttatgttcc aggttcaggg ggagggtgtg 480
 gaggtttttt aattcgcgcc cgcgccgcca atgcattggg cccggaccca gcttttggtc 540
 cctttantga ggggttaattg cncgcttggc gtaatcatgg catagctggt tctgtgtga 600
 aattgttatc cgtcacaatt ncacacacat acgagccggg acataaagtg taaagcctgg 660
 ggtgcctaat gagtgagcta ctcacattaa ttgcgttgcg ctntctggcg ctttccaatc 720
 ggnaacctgt cgngccactt gcnttatgaa tcggccacnc ccggggg 767

<210> 4860
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4860
 ngnntttaag atcannccaa ggcgttggtg caggatccct cgattcgaat tcggcacgag 60
 gaccacctac ggaaaactga ggcccacata agctcgattg gttgtacctc caacagatat 120
 ttattaagca cctactaaat actgagccca ttgcaagcac caggggaagcc tctgtgaaca 180
 gcacaaggtc cctgctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 240
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 300
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 360
 gtttctcttg cctctctctt acgttggaaa ccacataagt ggattatcaa gcacaagtaa 420
 attaagccta ccgatgttca ccgtgctcag gaaattcacc attccactta ccttacttct 480
 ggaaaccatc atacttggga agcagtattc actcaacatc atcctcagtg tctttgccat 540
 tattctcggg gctttcatag cagctgggtc tgaccttget ttttaacttag aaggctatat 600
 ttttgnattc ctgaatgata tcttcacagc ancaaatgga gtttatacca aacagaaaat 660
 ggacccaaag gagctagggg aaatccggag tctttctaca atgcctgntt tntgaattat 720
 ccaacttctt attattagtg gcttccactg anaacctgnc t 761

<210> 4861
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (984)
 <223> n = A,T,C or G

<400> 4861
 tgngnttttt taaaaaccag ctacttntta tnaaggcagg cnaccgattc nnattgcggg 60
 angancatng attcngccc ctgcatgatg gtggcngaac tnnntgccc aagtggggcc 120
 tggganccca acaaccccaa cangccgncn cggtnaaccn acaatatcaa cccgcaaacc 180
 ccagggacgc cggccatgta caacacagac cagatctctc cctatgctgc cccctnccca 240
 caagggtttt tncanccca tgcccagccc ccanagctac caccaagtgg tgccaanccc 300
 agcangetac catnaatacc cantccccat ncagggtccac cntacaccgt ntaccatggg 360
 ctatcaggct atccccancc cgagcncctt ttggctacag gtctatgaca acctggnagc 420
 tccctntccc atgggngggg anaaanccca acaaaaactgc tcaaggcttn aagggtattn 480
 tgaagcgnga aaantttcgg gcagaacttg ggggttnacc nacctgggnc antttntaag 540
 ggtngaaaan ggttgccggg gggaanaacc ctttactcct tgggaattaa cnaacnaagg 600
 gttgggggtg ggggaacaaa cnaacaaagg gggnggggtta antccccccc cngtnngggt 660
 nnacnggggt tcccccttgg ggggggcccc caaaagggtt ngggngangng ggttngggagc 720
 caaggnaaat tncnctnttt ncccttnggg gtanccccc ctttaaaaact tnggggaagaa 780
 aaagaaaact tnnntcccna aaattgggtg naanagnccc ccaaaaagnng ggcaaaaagc 840
 ttggggatgt gngggaaacc ntaaaggggg aaagggggag acttttttnaa ancccaaagg 900
 ganggncttt taacttgatt taaacggggg aaannaangg agggnttntc tgggggaaagg 960
 anaaantttt tgccaaanaa ccnc 984

<210> 4862
 <211> 772

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4862

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ggnnnggttt anancagctc tngatctcng tgcacgancc ctcgtttgna tgatcnnatc      60
gattcgctca ngtcggntgc catttatggn atnactttat tttatttnat tgcattatna      120
tatnatnttg agacagagtc tcaactctggn acccangctg gantgcagtg gccggatctc      180
ggctcactac aagctctgcc tcttgggttc acgccattct actgntctcaa cctncngagt      240
anctgggact ncaggcgcct gccactgggc cgggctaag tntngtattn ttagtagana      300
cagggtttca ccataatnanc caggatggnc tcgntctnnt gaccttggtta tctgcccgac      360
tngacctncc aaagtgcctgg gattacaggc gtgagtnacc atgcccagnc tcaagtaggt      420
tttgaatgaa tttctcatac ttttaaagta caacattatn gcaataacag gactattnca      480
cttcttttct aatttggata atggatagat natcctaagt gtnatangat ggctcaacct      540
ccgtacaatg gtgaatcccg nntcagtnga aatctcggcc nggtgtcaac cttgaacana      600
agcccctagt natnaccatt tngtgnatta gcctttgggtg tttagttttt caccttggnnt      660
taactgnnng ccttaaacct cnttnagctc aagtggaccc ttcnacctt taaccggccc      720
cgnattaagt tgggggancc atttgggcct ttgcngccna cccngggccc cc              772

```

<210> 4863
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (848)
 <223> n = A,T,C or G

<400> 4863

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nnnnnanngg nttttatnct cngtnnnnccn ttttnnaan ggnangcnac tggtnccgaat      60
gcaggaccca cnatttnaat tcggcacgag anggccttan gctttttttt tgtaggggtga      120
gagtggggga gagatctctt gctctgttgc ccaggctggt ctccagctcc tggcctccgg      180
cagtcctccc acctcagcct ccagaggtac taggattatg ggcattgagcc accacacctt      240
gccaggcttt ttatattgag ttggttatat atgcttcata gccacacttt ataataattgg      300
agtatatgat taaattacag cttgtttgtca agtcagngtt tctgtaagac agtatatnca      360
atattggnta gagtaacacc tatttgggtga tacaagatca acaggggtgtc tctgattaat      420
ttagctccta catagcccag aagcnagtgc attatgattt agaataattgt acatgggttat      480
gcaaggaatn atnccaacct atntgtgttt atanggtcag atgatgttca gatttatatc      540
tgctgatagn gntntnttgc ngggaaaacc tataaaaccc cttcngactt gttanaaaca      600
gtgagnaaag ccnngattgg aaatatTTTaa ttacaaccct cgtgggnatta aaatttttnan      660
tttaccattg ggaatgggtta aaatgctngn ncatttttgn anntttgtta aaanccttgn      720
ntccttttaa aacnttttga aataaccctt gntctanggg gaaaaaangt attttnaggc      780
ccnaaaanaa atannanang gggaaggngg ggggattttt ccaagtnccc ccntatgttt      840
ggggggcc

```

<210> 4864
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4864

tngccttang	gtnncccttc	ccatgcactc	ccacggaaan	gcccncccat	cgtangcgca	60
gcatccacat	gaacaggcgg	cgccgaagg	atcctgcccc	tnactctcnt	tttctgttga	120
accatctgga	attcacaggc	ctgtcatgag	agacacgatg	agaagtcctt	aaaggtagat	180
cactgattca	caggggagca	ggcggaggca	agggtgagtc	agtgccttga	actcagtcac	240
ccagatttgg	ctctggaaac	ttctgaagct	gtagcctttg	gggatccctg	actgcgagta	300
caggaagcca	acgctatgtg	gtcttcttga	aactcattat	cttttttact	ggtgctatct	360
gggaaaaaca	gatgaaaacc	tgaaggtgtt	ctgtatgtgt	gctttcaaaa	gcaaggatct	420
ggccggacgc	agtggctcag	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggagga	480
tcacctgagg	tcaggagttt	gagaccagct	nggccaacat	ggcgaaacca	tctctactaa	540
aagtcaaaaa	ttatctgggt	gtgggtggtg	gcacctgtaa	tcacagctac	tcaagtagct	600
gaggcannaa	gaatcanttg	aacccaagag	gccaaagtgt	cacttgagca	caagatcaca	660
ccactgcact	tcnacctggg	tgacaagaat	gaaacttccg	nctcaaaaaa	aaaaaaaaaa	720
aaaactngac	ctntanaact	ataggggagtc	gnattccgta	anncnagcn		769

<210> 4865
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 4865

ggnnntnaaa	tatcagctct	tgttcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnncac	tgctgcncctt	cngcgnannn	180
gtnanaatan	tactctgnnt	nngannga	naantanatn	gntaccnna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaa	aatnnctgtg	nttaatatgt	gactgactac	420
agtagccttt	naggagtcca	nagncaacta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tctactaga	cntatncatc	tgectatcnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866
 <211> 1403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1403)
 <223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttggt	tgacgcccat	cgcttggang	60
gccgttngcn	aacgcncna	cacgcgnnac	nngnncnact	gagacnagca	anggtgncaa	120

```

nggncagann acaaggangg agnctnnntg nacgcgcggn tttnnccggg ggnancnang 180
ggggggagaa cnnnccgggn ggnanaatng ggcgngnnng caggacncan ngcanatncg 240
aaagnnnccn nggnanccgc agnccggnnng acangcgncg gancnnngan nnagnnnang 300
agnnaggaga ggngngcccc anggagannn gnacggacnn ggagnganag ncannncacn 360
cacggngcnn aaganaggga nanncnngnn gcaaaggggc gagnaannng ggnantnann 420
ganagangan gannggagna gnnnagnan nannggaggg ncnngnnag tgcatacaga 480
gaanggcgac nngaagcgaa aacgccacaa nanggcnncc nnggngcnna cnnnganaga 540
ncaacncggg nanncagcng gacgacgagc agcanancgn caactagcan aggananacg 600
gaannnggcc ncantcggcg agnanaaaag aaagccacng cnaaacgcac gnagncacna 660
nacgaccnca gnggnncacg gggcanacag nncncgacgg cngcnnannc taancagacn 720
cacagcgcaa aaatggggga gacatgacaa nnnngacagc ganacaccac gacaaacgcg 780
cnggcananc anagcgccnc ganaggacng acggngaaac cngcgcacgc nccacacaca 840
agcncagaga ggnmntacac nctagngaca ngagaggngn cngggnaagc gcacgagaac 900
annaacaccg acagagcang agcgnnnana gcaaagaccg gacncnagna cgccnanang 960
acacggncng nagacannag agnannagng atgnggacan aacggngccg aanagaagac 1020
gnacancgca nngaccaaan gnacnnannc accangagaa gaagagnaga acgnacacgn 1080
acnagcacga agaccacnga gacntgaccg cgcacagaga agcacngggg gacgcccana 1140
gaaaanaang agagctgcg anagagcaca gaancacgat gagaacggnc cnaaacgant 1200
ncacgccccaa aacagganan nctgggggca nacaanagag agcaggtagn caanacngnc 1260
gaanagnccg agcanagaga cntgggngnn ggagnagcag ngngngnnca nccagaacaa 1320
gaaagnnnga cagnacngcn angcantagn nanaangnaa gnnattnnng gntngncagc 1380
gaanngtnaa gcgagngnn cgg 1403

```

<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1019)

<223> n = A,T,C or G

<400> 4867

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gngggnnaaa nnggctttta aacatacagn ctacttggtc tttttgcagg gatcccateg 60
attngaattc ggcacgaggg ccaccgaaga gggcaccagt gtcttgtcac ctggactnca 120
catangacta atnntgntac tggcaataan gatctatana angtcngcna ctgatgtgta 180
tgaaaagcat acntgactnt atatncta atgtngggatgt gannttncta aagtntnaca 240
ataattngtg ntancatcac atgaccaann gttaactant atcttggaga cactgacttt 300
ntggggccat antnttttga ttttanacca agaacentnta atnatntgta tcccaaatat 360
gntgctcctt ntngganagn ccaanggctg atttncctnt ncatcttnna tnttgttgg 420
ancaccta anaggtagtnt tctngnnggn cctngnaaaa antnttccan aanantaccc 480
gtgtgcntcn ttanaatnga ntaattgtcn naaaattaan ntaggcnntn gnnncaaaan 540
naaaaggcct ccccttttgaa aaacaangtn attttgaaan aangataaat cnntntnnag 600
ttnatcannn nanannnana tntgtcnaat ncnntctana tttntaccn mnntntagta 660
nnattcntaa aanntanaga ccnttttccc tnttgaagna ncnnttgggc ntaannaann 720
tnngntnann nntcancttn gncnngtnn nnnnnattcg ngtaatatgg anncatttnn 780
nanataaaan anantttctn nntgnangac nntactanac aaanttttaa antnngttct 840
acancccnnt tttanannta nanantcgna tatgaatttc aatctccena tnttgttnan 900
ataatcaaat nnanattaaa ttttnataa ccttattaaa acctctttna tgaagnatcc 960
aattntgat naatncntaa acnatgntat actnnnatat ntnattatnn antgnnccg 1019

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<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4868

tgnnnnnncgt	nagaccagct	tttnaacata	caggctactt	gttcttttttg	caggcatccc	60
atcgattcgc	atccctggag	cagcttccaa	cactacttca	gggtggcagt	gtttggggca	120
ctgggcgagc	ctgccggcct	ctagatggcc	tcattctctt	cttccacaaa	ctgtctagaa	180
ccaataaaaag	gaaacctgcc	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	240
gagtcgtatt	acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	300
actagaatgc	agtgaaaaaa	atgcttttatt	tgtgaaattt	gtgatgctat	tgctttatct	360
gtaaccatta	taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	420
cangttcagg	gggaggtgtg	ggaggttttt	taattcncgg	acgcgnggcc	aatgcattgg	480
gncccgggtac	ccagcttttg	gtcccttttag	tgagggttaa	ttgcgccctt	ggcgtaatca	540
tgggcatagc	tggtncctgn	gtgaaaattg	ttattccggg	cacaaattcc	cgccacatnc	600
caanccgggg	gccttaaagn	gttaaaacct	ggggtgccta	aagaagtgan	cttaactcac	660
catttaattg	gcgtttgccc	nttaaatggc	ccgcttttca	anttcgggaa	aaccttgtcc	720
ntnccaagct	tgcanttaaa	tgaaattggc	caaacgccnc	cgnggnaaaa	ggccggttnt	780
gccttt						786

<210> 4869
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4869

gntnatgacn	tnaaactctt	tggcnagcag	gtccctctga	ttcgaattcg	gcacgaggaa	60
tcttctctaa	agtcacagag	ctcccgann	ntggagnttg	tccttcccaa	gccttctcgc	120
ggggaggagg	ttccttcttt	ctgccgcctg	ttacatccct	gtgtgagaag	gtctggtgag	180
ctgagcccac	atcactcggt	ctgctgcccc	gggtgtgctt	catcttcact	gtggaaaagt	240
cattttgaac	tccccgggtg	ctgcaaatta	agtaatcaag	gacagatggg	actgggttga	300
ccattccaag	gagtacagtt	acttgaagaa	tctggaagca	ataccgagca	catttggttg	360
cattaattca	ttggagcaat	aatgctgtac	gtagaaagta	tggtgctttt	ttaaaaaac	420
atcatcagtt	ctgagcattt	gtagcaagtg	aactctaact	tggaacggat	gataaattct	480
tctaaaaaac	aaataaaaaa	cctccagaca	atattatgca	ttgagagctt	taaaaaatat	540
atatactaca	gcatttggaa	aacactttgt	ctggctatgc	cactgcactc	cagcctgggc	600
gacagagcga	gactccgtct	tcaaaaaana	aaaaaaanga	agacttgnat	taatggagaa	660
acagactggg	ccctggctag	aaatnccaaa	tattgnaaag	aagtcatttc	tttaaaatna	720
atztatggat	ttaatgcngn	cctnagttaa	aaatc			755

<210> 4870
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4870

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agtgnntttt aananacaag ctacttggtc tttttgcagg atcccatcga ttcgaatcat      60
aatgggggaag gccatccagc ctgcgctcgc gaacgccagc aagacgtagc ccagcgcgtc      120
ggccgccatg ccggcgataa tggcctgctt ctgcgccaaa cgtttggtgg cgggaccagt      180
gacgaaggct tgagcgaggg cgtgcaagcg ctaccgcat cgtggcacct ggcaagggca      240
tcctggctgc agatgagtc actgggagca ttgccaagcg gctgcagtcc attggcaccg      300
agaacaccga ggagaaccgg cgcttctacc gccagctgct gctgacagct gacgaccgcg      360
tgaacccctg cattgggggt gtcatectct tccatgagac actctaccag aaggcggatg      420
atgggctgct ctcccccaa gttatcaaat ccaagggcgg tgttggtggc atcaaggtag      480
acaagggcgt ggtccccctg gcagggacaa atggcgagac taccaccaa gggttggatg      540
ggctgtctga gcgctgtgcc cagtacaaga aggacggagc tgacttcgcc aagtggcggt      600
gtgtgctgaa gattggggaa cacacccctc ncccttgcca tcatggaaaa tgccaatgtt      660
ctggccccgt tatgccagta tctgccagca gaatggcant gtgcccatcg tggacctgag      720
atcttctga tggggacct ga                                     742

```

<210> 4871

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4871

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tttnaaatcc cagctctngc agnanttcaa gtcncntttt ctaatncttg gcanctcgat      60
ctcgcnegaa nnnnntnggc ncgagantct gcncctacaac ngacaggatt gntagaacnt      120
nnnnngtcng ggggatntng aatantnnnt caacacnngt gatacgcntg anctaacagg      180
tgggtgtttt antataccna cnnaaatagc angatgcgac aacantcctg naacngtgct      240
ttntcaaagn caactggcct ggaaggctac aagtgtcnnn aaagattctg ttcagaatct      300
agccacagan ataaaggatg gacaaatacc tngacatag tctnctcana gacanccaag      360
ccttgaangc tcaggtgatg aaaangattn tgtttcgaat ntanccanga gaaataaagg      420
atgganaaaa ntctgggaca ntgtcttctc agaancaatc ngncatnaa ggttntatct      480
nacangaaag ttctcntttt gaataattgc cacacngaac aacnggcggt tngaaaatct      540
nnaacagagt atnctganaa tntgcccanc cntgnaangc tacaattgaa aaataataan      600
ntctgatctg aaatacaagc caccaaatg naangattgt acnaatcatn cncaccagc      660
agcaacanng acttnatgaa atggccatcc annnggaaa accanaagga agctttgnna      720
nnaatntgca atanattacc canncnaca aggttgaaaa aanccanaat tncattnctn      780
agggatggac cctttgntng accttaaatt ncagtcntc ctcnaaacn ttcttnaaga      840
aggnnc                                     846

```

<210> 4872

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 4872

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ggnttnnaaa tatcagctct tggtcttttt gcaggatccc tcgattcgaa ttcngcacga      60
ggtctangnn gatgtctntc naatcatggg ntgtcctnt ntnttgacac agggccttgn      120
cttattgctc angctngagt gcagtnagct gtnatnncac tgctgcntt cngcgnannn      180

```

gtananaatan	tactctgnnt	nngannga	naantanatn	gntaccenna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaaac	aatnmctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncaactta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnt	cactgcttaa	600
tctactaga	cntatncatc	tgcttatcnt	atcacttngc	cnmnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4873

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1194)

<223> n = A,T,C or G

<400> 4873

ccccacnnn	acncaacacn	cancacnna	ncnchnnnnn	ncancaaaaa	aaaanccanc	60
ccanaaacac	canccccaac	acncaaacia	nccnccccac	cancnnaaan	gggcccncac	120
canctgtca	agcnaacgac	ccacnacnaa	gcncccgaga	agctncacn	nacacccaaa	180
ccncatacag	ngggcngggc	aagcnggggn	cncatnggga	nggggaagg	ngcccggcgc	240
ctancnncn	nccnggnnnc	nacaggngna	ccanatnggn	ccancccca	nacnaccang	300
taccanncn	nncacgnnaa	caccnnncca	anacaccncc	catcnaangc	anaaccgacc	360
anangnacct	accnaancan	accnccana	gcncacnca	gcnnacacac	caaccccccc	420
anncanggnc	accnacngca	aagncccnct	cgcnnngatc	accancantn	ncnaatacan	480
cacnancnac	cacnccncaa	anacnaacgc	ttanccccan	cgacccca	cnaaagaccc	540
ananagcaca	cacntggnaa	naaananacn	cancgcccc	cnanncccaa	naangcgcnc	600
nccaacacan	cnaaccccan	ncacccnnaa	accncannnn	cacnggcgac	annnggaana	660
cncccccantc	cccacnnnca	canacnaanc	ncnanacacg	nnaacnncng	ancnnaccn	720
naaanaacan	annnnnnngca	nnnanaaaac	ccnangnncn	tacnngcaca	cactcnccan	780
accagntnnc	acncaaacgc	ncacnaccac	ncacncccc	acnacaccna	cgcncncnca	840
cccaccccc	accganacna	gcccaaacgn	nccanncaacn	ccaangnaca	nnccaagcgn	900
cacaccncac	acgaacnana	ccnccnna	cactaacnncn	acnnnnnaca	cnnnnccacc	960
cacanagcac	canacnncn	cancnagaa	ccacaccnna	acnacnnanc	tnnctcncc	1020
anncngccnn	nttnnccgct	cgcanaaaacn	nancccncca	acacaaancc	naacacaaca	1080
cntncccccn	tnaananaca	ccacnnnaac	tccannanan	aancaacnnc	nnccaccanc	1140
aancaacacn	cacnacanta	cagacncctt	anannancnc	cnccacaacc	nccg	1194

<210> 4874

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4874

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcagc	60
aggctactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataatata	gtttcataca	gaattacctt	aaaagggagt	cttatgtttt	caactacaga	180

tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattcctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattccttga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4875

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4875

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattcctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattccttga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4876

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4876

ttgaanccttt	aatntnnacc	cctttggaac	ttnttgcagg	atcccatcga	ttcgtgtaga	60
ggagggtgagg	aaatacttta	atgtgttgga	aaccatgggt	ttgaacagaa	gatacgcata	120
tggagtgagg	aatggaaaga	aaactttgtg	ctacatttac	tgtaaattat	atcttattga	180
ttcagtaaat	tcagggtgga	tacggaagtt	caaatttaaa	gattacccat	ggactcctga	240
cctcagggtga	tccacccgcc	tcagcctccc	agtgggctgg	gattacagggt	gtgagccacc	300
atgccagacc	tcatcattct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtggt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaagt	attctcaaac	tagacggtga	540
tgttttaaatg	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660

gaaacaaaaa gactcttnta gaccacatgg cagtcccata tggatgacca agcaagaaaa 720
gctgcgga gacagagaaaa naagggaaac caacaaacat n 761

<210> 4877

<211> 687

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 4877

agacaagcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca cgagtattgg 60
ttttagataa tgctactgat ttttgtacgt taatttttgt atcctgaaac tttactaacg 120
tcatttatca ggtcttttgg agggattgtt aggggttttt taggtttaga atcatattgt 180
gagtgaacag agataatttg acttcctctt tttctattta gatgcctttt gtttcttttt 240
cttgcccgat tgctctgggt aggacttcag tactatgntg aatagagggtg gtgagagtgg 300
gcaccccttg cttgttctta ggggggatgc tttcaccttt gccatttcag tatgatattg 360
gctgngggtn tgcatagat ggctcttatt atnntgagag gtatgtcnct tcantgecta 420
gttagttgag gatttttatc atgaagggat attggacttt atcaaatgct tttctacatg 480
tattgagatg atcatatggc cntgggntta atctggntta tgtgctaaac ctattcccan 540
atcaaaaana angatttctn ctaacacatt ctacgaacca gttcacctga accaaatctg 600
caaggcncac ancnatnata aaaaaaatc gctntaaact tnnnggnata ctaaaccaac 660
tganagnnct gatnagttgn caccnt 687

<210> 4878

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 4878

gnangctact tgttcttttt gcaggatccc atcgattcga attcggcacg aggaggggag 60
agaggagggc cattacaact ctgccttcaa gactcatctc ttaaaaacaa aacgaaacaa 120
aactacaacc accatcaaaa ccacacgcaa aaaaaaaaaa aggataactt taaccgaagg 180
aagggttttg ttccattcaa ctccacatto attgtgcctt tacttgcat agatttctgt 240
gctttcttcc tttccctctt tgaagcaatt aaaatcttcc ttgataactg ctgtttcttt 300
ctactcttgt ttctggcaat ttagtggtgt ccttctctag tggctcttaa tctcattcca 360
ctgggtggcaa gatggggcct anccttcttt tcacatgtct aatcttttcc tttctcatgg 420
tgccctccat ggaagtcaca gtnaacactg aataaatgac tagaatgaca cgtgtgcgtg 480
ccgcacgcgt gtgcntgtgt gtgttcatct gtctgcatgt gggatcaatt tcttttagaa 540
aataatttat tgnatgattt attttgggag ttatattctg attacagngc tcttnttccc 600
aaatagcatt gatttttccc ccttnaaagn ataatctggt ctcagggttg atctttnnga 660
catntctctc tctggatgcc atgcagttaa ttaaacctt gcttaaaaca aaaaaaaa 720
aaat 724

<210> 4879

<211> 925

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 4879

tnnnnnnnnn	ntnnnnnnnn	tnnnnnnnngg	ggnnnnnnnt	nggntttana	ctcgggaacg	60
tttctnagca	ggnggccatc	gnnncgaatg	cggcacnngg	nggtanccga	attcggcacg	120
agggggacaa	ggctataaat	atcattaata	ccaggttcag	gagtttgac	tgcactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	gggggtgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncagggggta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggctgt	gctgaggatg	agcccatgt	agttgggtgca	ggtggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cgggtggctna	cacctntnat	420
tccagcactt	tgggaggtca	aggggggagg	aacacttgag	gccngagaca	atataatata	480
taatataata	tattggccag	ccttggacaa	tataaataaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtggngng	gnacaatacn	ctgtagtect	tggcttanct	600
ttggggaang	cttgnnggca	aggtggnatt	tgctttggaa	ncctacggan	tttcaattgc	660
ctgtnaagtg	gaagcctntg	ggaatcgttg	ccncttgnn	atttccnacc	ctgggggttng	720
ggaggaaaaa	aacccttntt	tntacaccac	cncncncccc	cccaaaaana	anttggccca	780
aatgtggctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	ttaangngng	840
caaaaaaggg	ggggnggntc	ctgnggaaaa	aaaaggccca	ccccttttng	tgttggnggt	900
ngggaaaaan	tttnaaaanc	ncnct				925

<210> 4880
 <211> 1170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = A,T,C or G

<400> 4880

ccnannncna	nccnnanncc	naannngann	accnnnnnnn	cnacnacnnn	ancngncnac	60
ncnnacnacn	cncgcccann	nacnncacnn	aanancnnnc	gcnnannnan	ccncnnnncc	120
nncnacactc	nnncnnnnn	annngncacc	cnnnnnnnnn	nnncnacnnc	ananncccnc	180
acnancccca	naacnccngc	nntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctnnc	accaccaccg	ananncgnc	ncacngcccg	nnnnagcncc	agnnncccca	300
acnncnnc	ccntnccgnc	gaacnnncta	nccngggggg	ngggggcggg	ggcangggng	360
aanegnnngc	cancccgccc	acnccnaccn	acacnncccc	anacccancn	ccnnnacnnc	420
aancccnnc	ccatacnnc	naccganccc	nnanncccna	cgcaccncca	cnngaccngn	480
aancnnaaac	acacacncac	accccgaccn	cnnacaanac	cncncacnca	nncnnnccnc	540
nacaaaaccc	acaccgccc	ccncaanccn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgcnnc	ancccnacc	acnnncacc	cncccaccnc	gacnnananc	ncnnnnccca	660
ncacgcnnc	accacnaanc	nncccnccc	cncccaacc	aaccnaannn	cacancagnn	720
ancnacnnan	ncanccccc	cccccataaa	ccnaccacac	ctanncancc	cagacnannc	780
aacgncnnnn	ccctacaccg	annncnnnna	ncnanannac	antncnacan	ccacaccaat	840
nccgcagcag	acatcgana	cacncagccc	ncanacacna	nccnnaccac	caanacntna	900
cnmacacaca	cnaacnncn	aacnatntnc	cacgcnacac	nnacaantcn	atcnccccac	960
gnacnnctca	nncacancga	ncaatacana	ncacganaca	cancnacgan	nnccanacnc	1020
caacncgcga	cngncacaca	caccacncnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacncng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgcc				1170

<210> 4881

<211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4881

gnnttttnaan	nttttaaatt	tatacanctt	nttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagggtaga	ctggctaggg	atcctggacc	cagggttcca	cgtagcaaca	120
cctgctgagt	tctctgggtt	ttcttctctg	ctcatgtagc	ccagacttgg	agctgaagaa	180
gctggaaaca	tggaaacacc	aacagctaca	gaccaaaaaa	agtcccaaca	aaggcctgtc	240
agtctgccag	cctgttctgt	ggattttcaa	ctcaagatgg	cagcatcaac	tcacacctga	300
agttctggct	tcctacaaa	ctttgaactt	gccagtcccc	acaatggcat	aagccaattc	360
cttaaaatga	atgtctagtt	ctagataatg	tgtgtattct	actggttctg	tttctctgga	420
gaagcctact	aatagatcat	ttgtcttaat	caattcaagc	tactgttaca	gattaccata	480
gactgggtgg	ttaaaactac	aaatacttat	tactcacagt	tttggagtct	ggaagtctga	540
gatcangttt	ccagcaggat	tgagttcttg	gtgaacatcc	tcttctctgg	ctacagagta	600
ctgngttact	taagtggaaa	aagtaggggtg	agctggttct	tttggcctct	tcttttangg	660
gactaattca	tgagggctnc	accctcatga	cctatttacc	ttccaaaggc	tccatctcca	720
aataccatca	caatggggga	ttagaattca	acataggagt	tttgggagga	cacaaacatt	780
tagtccttac	ancca					795

<210> 4882
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4882

ttcaaaccag	cttttganc	tnttgcagga	tcccatcgat	tcgnntcaaa	canagnattg	60
tgatattgtc	aaagagaaaa	acnaatcctg	aagatacatg	gaaatgtaac	ctagtttagg	120
gtgggtat	ttctgaagat	acatcaatac	ctgacctttt	ttaaaaaaat	aattttaaaa	180
cagcactactg	tgaggaagaa	cagtattgac	ataccacat	cccancatgt	gtaccctgcc	240
agttctttta	gggatttttc	ctccaaagag	atgttgattt	ggttttggtg	aaaggggtta	300
aattgtgctt	ccaggcaaga	actttgcctt	atcataaaca	ggaaatgaaa	aaggaagggtg	360
ctgtcaggat	gggataattt	gggaggett	tcattctggc	ttctatttct	atgtgagtac	420
cagcatatag	agtgttttaa	aaacagatac	atgtcatata	atztatctgc	acagacttag	480
accttcagga	aacatangtt	aagccccctt	ttacaaagaa	aaagtnaaca	tacttcagca	540
tcttgagggg	tagttttcaa	actcaagttt	catgtttcaa	tgccaagttc	ttattttaaa	600
aaataaaatc	tacttataan	aagaaaaggt	gcattnctta	aaaaaaaaac	ctttaaanga	660
aaatgaaaga	agaacccttt	tncangatac	ttactttgan	gactgttttc	cccttttttna	720
tgagatatag	cttaganac	ggcgnggggn	atttctttan	taatnctctg	ggttttggat	780
ctggccttg						789

<210> 4883
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattncc	ctttttgcag	gatcccatcg	attcgcccag	60
ggcgcgctgc	ctgagcctnt	ctgcagctgc	tcacnttttg	ctgaggcctc	tgcccttcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttnccctctn	tatttgncct	gaaccaagtt	180
gtagaattta	aaggagggtga	agnaaggcga	ttnctatgga	aaatatattg	nncttcttta	240
ctcctcatgc	tnagtgcata	anaatntatt	atntcccctg	aatgttcaaa	gtggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaacaa	tcttaatagg	aatgtgcgat	cttgcgcccta	360
tcttttagcac	acttaattag	ctacaacccg	ggactgtngc	catttgaaca	aattgntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaacact	480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca	540
accctcacct	cctnccccgc	cccctgccct	cagcaagtcc	tggcctgtgt	gaactgaagg	600
gtttggaagc	tctggtttct	aggagtgtcc	agaagcttga	aagactaggg	tgtactagtt	660
attgangggc	agttgtcant	ggcagtgtgg	gggcacccca	attngtattc	canggcactg	720
cattgctttt	tt					732

<210> 4884
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4884

gantggtcga	actnaaccct	ttggaaantc	ctttnttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	cttctntttt	ttcttccctc	cccttttttc	120
cttcttccct	cccctcctcg	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	tttggttact	tttggtgaaa	gtgaccatgt	ctcaagttca	agtgcagttt	300
cagaacccat	ctgctgctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgccctctga	aaatgcagggt	420
agacccattc	aaaactctgn	tttaccctct	gcactctatta	catccnacca	gtgcagntgc	480
agaaagcata	aacctactg	tagaactaaa	tgcttgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	cctgtttgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaca	600
tggagnangg	aaggagggtt	aaatcccccn	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttt	cncttnnaaa	nggngatncn	tntangcgng	nnggccagca	natntcannt	720
gnantaggnn	nanccnncn	tcctngcnga	ngaacnnncn	cnactcccc		769

<210> 4885
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4885

gtcttgcct	cnnaaacct	ttgcacttcc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggttnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4886

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4886

agnaggnntt	tcagaaagct	ggnnnaggna	gcnggnagan	gcnttgaagg	cccttgctaa	60
tngcttgga	agctccatct	anagagnngg	anggtnggga	gcncgnnaaa	catgcngnaa	120
canctctagg	aagtngaat	ctgatacaag	ctganatggt	gnntnatgga	nangatcnca	180
cngaattgat	tgctgtgaac	acngtgnatn	ncnngaacca	gatnaaatg	tnatatggaa	240
cnattacanc	antntgcact	gaagcaagct	ggccaagcan	gnetgcatgn	ccgaanattg	300
aatatnactg	ggcanatggn	actaanatta	aaaagccana	nnaantgnnc	tgaccaaca	360
tacatntgac	tannnggatg	acttgggttc	aacgancagn	cntgatagat	gaaaccncg	420
tttcttnta	agattggtgt	nccatntncc	caaaaacttt	atnnctgtgg	caganactat	480
ncntaaaagc	gncttgnnna	gggtttnaan	gccnntanna	atcaccangc	nctantgatt	540
cngtgatgcc	atctgccaac	taggaggcnc	anctnaacnn	ctacnttaag	cactnnattc	600
nncttgnntt	cagggnnntt	aancnagntt	tgataaggcn	tgaanctggg	cacctctnca	660
agaattagta	canaaaactg	gatnncaaga	ccnnatnaan	ggncantcta	ngaacacagn	720
ntccnccn	gcttaatnca	ttggtagaac	canctcaatn	gntatccngt	nantgnacna	780
ctn						783

<210> 4887

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4887

gnnnnnnnnn	nnnnnnnnan	tnnnnggnnn	tttgcnaata	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattnggcnc	gagctcngac	cttatnanca	gcatnacgca	120
tgactaccac	ctgnatganc	aggatgctga	gggccggctg	gtacgctgga	tcattncat	180
tagtncccga	aagagccgtg	cttggcnaca	gactccgagg	gtcgttcaac	tnggctgctg	240
tcccaaacgc	tgctgaccct	gacagtggcc	atganaccat	ggngggctca	ggtcttactc	300
agnatgagct	gacagtgcac	atctccnagg	agacgactgc	agatgccatc	gcccgnaaagc	360

tgaggcctta	tggagctcca	gggtacccag	caaagccatg	actcatcctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttgct	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcctacagaa	tgaacagggg	gaccagggaac	540
ccctgtggga	naggcttaaa	cctgancagt	gccactctg	gntcctcntg	ncttggctga	600
ctggnttctg	gaccatgtgc	atttcactgg	nccatgggat	ctacatctct	tgcattccca	660
nctggctgat	cctgccangg	nccgttnent	cctgctcatg	gncttnaggn	ngnctgatca	720
tngaaagg						728

<210> 4888

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 4888

tttgttggcn	ncntagtnan	nnngganana	cntcntngct	ctanaagaat	tgggttggtn	60
cngcacgang	agatgtgtcc	agtgtcccnt	gtggngtgtg	antagaaacn	cctgnggnnn	120
aagtgaactnn	gtnggnccnn	ctggcttcgt	gcangangnc	tcgtactgn	atacgaccen	180
gccacngtgt	tctnaangac	annnccanan	atgggttana	ntcnctgctg	tgggagtctt	240
tantcccaca	cncnggacan	gctggtnanc	tncactgtnc	nngatgatgc	acaccngac	300
cnatnacgtc	angacgatnc	nnntcncgac	anntatgggtg	aagatncctn	ccgtgggtccn	360
attcttntctg	nacntnctgn	gnccatgacg	ctcacntngc	tgtngagctc	gntccgtgcc	420
cangtgttgn	acatntaaca	gatncnacac	tgtcttacia	ngggaccacc	nangattngg	480
gtctctacia	nagancnnac	nntgatcctt	aattattctn	agggcctncc	gttgnttttg	540
gctctgcctg	gnnttntagg	ncaacgggac	aatccaacn	tnnccntttg	annancctta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttancc	660
tnattttgac	ctgganttna	tccnnccaa	tgccttcgga	agntggncct	ttnncacnaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaaaaa	ggcccnctt	ggcttnatct	780
cccttaaaact	ngatnncncg	tgcnmncg				808

<210> 4889

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 4889

tncttaantg	gcttggcnac	tngttctttc	tncaggnagc	ccatgcgatt	egaattcggc	60
acgtagggtca	gacatgaaaa	ctatttttaaa	gctgactttg	ntgccttata	ttgaaaagaa	120
tctagatagg	tgcttttaac	tggggtatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaataatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggtttaa	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcattttcta	ttcaccatcc	tttactatta	300
anggaaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgtgtgtc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtgtgtg	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaaag	cnatatttnc	ntgggaatct	540
aattcaaagt	tngtggmata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggtg	tgnngccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtntctgga	660

tgcngtttgt aaataactga aaataatttg gntgaccttt ttattcaatt ctgnatagan 720
nttaaaa 727

<210> 4890

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4890

tttctactaa	ttgcttggct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagcntng	cttttcttgn	nancagcagt	ttttcngnac	anatttgctt	tntnttacia	120
aaagannacn	naaatgctgt	tgtnttaaca	tttcagaaca	ganattgtgt	tgatgtgatc	180
agtgtttggg	ggtttaacttt	gcgttaattc	ctcaggcttt	gcnattttaag	gaggagctgc	240
cttagaaann	aaataaaggc	cttattctgc	aatantngga	ntgaaccaat	attctataga	300
acatataggt	acagctgata	togtgtatat	nttccttana	gaatagctga	acaccttgag	360
ccttaanacg	gagctgntgg	gaaacattan	gcactctttt	atgcgtttac	tctgcctnt	420
gcttggcact	gcantcttaa	ganagattca	aaaggctgcn	aangaganga	aatctgttcn	480
nggaatgttt	cacnggcna	taagatgcnc	naanactctg	tnctcngatg	tntgcctggg	540
cccnatgtgn	aaggngaggat	gcctgctcgt	tcttgcnctt	ntgcctctna	gnacacnate	600
agtnnnccct	tcaagacntt	ccacttgntt	aanatattta	tnnatgncan	gganaaggct	660
ttaantnnat	nnggacaaat	aatgcttttag	ttttnttttc	caaattaggc	ccttntttta	720
aaacaagggt	ggntgnannn	tccctcna				748

<210> 4891

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4891

ctncttaang	gcttggcann	tcnttttngc	ncgcanncca	angngnntgg	gagccactgc	60
gcccggccaa	ngacactttc	aaataactcat	gatnggatat	gcctctgtga	ttgacagtga	120
gcattttcaa	tgggttaaag	attgctctgc	aaagagggtta	actgtngaga	ttgatacagg	180
ctatcttcaa	catatgtaca	ttgctgtata	tgacatttac	ctaccattgt	gcatctggga	240
cttctgatg	gaccacagga	attccctttt	cttcccatte	tcttccagat	ctttcttcta	300
cttgaaaccc	cttatctaca	aaaatgaata	aacaacccaa	tctcatttct	gatcgngtcc	360
tggaattgat	ctaaggcaan	gtctggagaa	gtgggtgggag	acagcanaca	gctttngtta	420
agtcttctaa	ccccagcact	ttctcagcct	catctgngng	ttctgtcttc	actctgcaga	480
cctcacttina	caatgctctt	cagatccttt	aatgaatagg	aaattgattt	tggttatttc	540
tatnaaatac	agcagagtct	tagaaacttg	cagtggcctt	nanangaaag	aaccttctct	600
taactnctg	gccagattna	tctttctttt	atgggntcna	acactaactg	ggaanttttn	660
cccatgggan	ggtatttgng	cctttcagac	tggctttttg	nngaactggn	tttgaggga	720
cataaacctg	aggactggtg	atanttttn				748

<210> 4892

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

ttgncnncctt	aatggctngg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggtc	tcataacctt	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcgggnaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	ananccttnaa	180
ngcatgcgag	tttncataana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nngctgtgna	300
ggaagtnttn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaagaatn	tgttgcnnca	naatgnntaa	480
taattntacn	ngatngaacg	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttcctgng	600
aaananaact	caggttttac	tttngcagg	gcantncnnn	atnttntcnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcncacttg	tgggatacnt	ggntaanncg	gccca	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

agnnntnnnn	nggttctncn	tctcctngna	aacccttaat	ggcttggcta	cttgttcttn	60
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gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtccg	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	attntattgc	aactgtactt	240
agagaatagt	ctgggtctga	gaccttttca	ctgnggtctg	ntctgggtga	cggctcccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttgngga	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggtcctttcc	540
gtcatcacac	tggtccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacaccctt	gncaactacc	tgattggctt	nccttggcca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttattcc	catttaaccc	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggctggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4894
gncaggctct tgttcttttt gcaggatccc atcgattcgc tagactgcta tgantagtga 60
tgancancat ctcagnctgc caagggagaa catgantccn catgaacaaa ntnggttccc 120
tgancagggg gaaatgnaat gctgagactc acancaggng gtgcgncnta nngacctntn 180
nctgnannga nanantgnag gccacnatac actngatgan nnaatggact nnctcttnaa 240
agtgtctgna ntgtctnctgc cataantata gtanatatna canttgcctt ggtccnctt 300
ctacctnaga atgtctgtgc ttacgtctctg tcttcccana tctcccanna nttgggaann 360
tctgagggtca gagggcaaaa ngagaacctt ttaattctga ntctgacata atcagatctg 420
gaaccagttg nnaagctgta anacttatgc angcgtaagg tggttggtgg ttttaagcctt 480
atgntagctg tggntntcta aaanantntg aatntatctc tgtcatagng tttgacctgc 540
atgtgctaan ngngtcnnta anggatgtgg ngannntggn anttncccca tgcattccna 600
ngtctnnggc cnntanaaac cnggnccaat tgaagttaa cntttaactt tnggcctgta 660
naggaccatt tggccatngg tgnccctgtt taaaggaac gaatnttgng aatncgatta 720
agccatttnt aatttccctn nttggccttn aatccccctt ggaattcttt nncngggaac 780
ccctttt 787

<210> 4895
<211> 863
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(863)
<223> n = A,T,C or G

<400> 4895
nngtccncct ttncaannc tngganaccc gttctttctc nanacannaa gntctnatgc 60
tgnggcacga ggtctcnagt tttttttntt tgntngtnga nacaggctcg ctctgncgcc 120
cangctggag tgcannggcg cantctcggn tcactgcanc ctccacctcc cgggttcacg 180
ccattctcct gcctaancct cccgagtagc tgggattacg gccgcccnc accactcccg 240
gctaattttt cggatttttt agtngataca gggnttcacc gtgttagcca agnatggtct 300
cgatctcctg accttntgga tccaccacc taggccttcc aaantgctgg gattacagge 360
ctganccact tgcgcccggc acattcaggt tcttatcaan gaaataaccc agactttaat 420
cttgaatgat acnattatgc cccaatgttt aagntnanaa aaatttcctt aaaaaggtta 480
tctttaaaat nagnatcttt anngcnaaaa taccacagct tgatggaaa gcatcttgg 540
atgcccttnc attcttgtnt caattccatc ttcccaaana nccaggttcn aaantaaccc 600
cctttnttgg ttggggcnat atgnaaattt tttaaaggga gtnaattcc aanatggatt 660
nnaaaccaga ctgccntgaa ttgganaaat tnntgatttc cttcaaaatt gtggtttcnt 720
ttctaaantt ggctggnccc ttaatttggga ttaatttaa tccatgntat tattgattaa 780
atctngangc angatgaaac tttaccagtn ttggaaatta attactaant taatcncnaa 840
tatntnnaan tttttccttg atc 863

<210> 4896
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(723)
<223> n = A,T,C or G

<400> 4896
ttnttntttt caaatttcaa atnctaggct actngttctt tttgcaggat cccatcgatt 60
cggtggaact gagtgccact cgtaagaatg ccagcaacat ggagtacagg atcaataagc 120

cgagagctga	ggattcaggc	gaataccact	gcgtatatca	ctttgtcagc	gctcctaaag	180
caaacgccac	cattgaagtg	aaagccgctc	ctgacatcac	tggccataaa	cggagtgaga	240
acaagaatga	agggcaggat	gccactatgt	attgcaagtc	agttggctac	ccccaccag	300
actggatatg	gcgcaagaag	gagaacggga	tgcccattga	cattgtcaat	acctctggcc	360
gcttcttcat	catcaacaag	gaaaattaca	ctgagttgaa	cattgtgaac	ctgcagatca	420
cggaagaccc	tggcgagtat	gaatgtaatg	ccaccaacgc	cattggctcc	gcctctgttg	480
tactgtcct	caggggtgcg	agccacctgg	ccccactctg	gcctttcttg	ggaattctgg	540
ctgaaattat	catccttgng	gtgatcattg	ttgtgtatga	gaagaggaag	agggcagatg	600
aggttctctga	cgatgatgaa	ccagctggac	caatgaaaac	caactctacc	aacaatcaca	660
aagataaaaa	cttgcgccca	tagaaacaca	aattaagtac	tgcttacaat	atctttangn	720
tcc						723

<210> 4897

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 4897

gtttannacc	agctcttgnt	cnttctgcan	gancgatncc	atcnatnnnn	attccgnncn	60
agggggctga	ngcgnccgag	gacagctcgc	gatgagnggn	cnacgaaggc	tcntctgnac	120
tggnnncann	gtnnanngnn	ctnnctcngn	gtatncngtt	cncannctna	ncgatncatg	180
tnctntactt	gatcnggata	naactgtatn	agaaccaang	nacttnnncan	nngctactga	240
ccntncccat	gtncnnctgc	acgtagtgtg	atagatanca	ctaccnntna	ccagntcgat	300
gaacccgatn	ngtcctgcag	ctggtncana	ctgtctgngc	anctnnncnc	ttgcagttgn	360
accttnnggn	ccttggttaat	gncactacca	ntgtgctgtc	cttatgccat	ggatgttgnt	420
cccagatctg	tactaacnnc	tnccaggaca	tggccaattt	gggtagcccc	tnantgnaga	480
tgnnctgacn	ntganatcac	tgatnactan	atggggctca	ncgtgattta	catgccactc	540
ttggtnatat	ggtcttantn	gatgnnanc	ngatgntggn	caaccttntg	gaatgacctt	600
natgagctgg	anccatgaaa	ganattgncn	caagcattnc	ccnntgacgg	ngantatggg	660
ctnantnccc	ttattactat	tncttngtg	gacttnttan	taanattctg	caaagctcan	720
gtccaaattg	natnaccttt	ngnaggcann	accnttcatg	gntnttgtgn	t	771

<210> 4898

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 4898

gntntntnnt	ttnaaatctc	angctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	actgctcctt	cattcccaag	aagaaaagac	aagtactgct	acttccaaaa	120
ctcagacacg	acttgaaggt	gaagtgaact	ctaattcctt	gtcaaccagc	tacaagacag	180
tgtcattgcc	attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	240
agaaaagaga	agaaggggtg	aaagaagttg	tacgaaggtc	aaagaaattg	tctgttccag	300
cctcagtggt	gtcgaggata	atgggaagag	gaggatgcaa	catcactgca	atacaggatg	360
ttactgggtg	ccatattgat	gtggataaac	aaaaagataa	gaatggcgag	agaatgatca	420
caataagggg	tggcacagaa	tcaacaagat	atgcagttca	actaatcaat	gcactcatte	480

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aagatcctgc taaggaactg gaagacttga ttcctaaaaa tcatatcaag aacacctgcc      540
agcaccaaatt caattcatgc taactttctca tctggagtan gtaccacacag cagcttttcag      600
ttaaaatgca ttttctttgg gtgctccaac tctttgnaac tttacangng aacaaccggt      660
ttctacngtt tcaancccnt ttattaaacc tttatnagga atgtttcttaa aaaaaaaaaa      720
aanaaaaaacn nt                                     732

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<210> 4899

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4899

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nggagggntn nnnnntnata gacagctact tgttcttttt gcaggatccc atcgattcga      60
atnccggcncg agcctgtgtg ggggtgcngt acattgcana cgctctagng acctgttgtg      120
atgaactntt ntcnatggag agantcactc nngnctanc ancggnccg gnggatcaag      180
aganaacngtg tancnctcng aggatataac tnnncaagat ntactactga tgcancnctat      240
tntngccttn nacntgnggg cattacacnt gctnntgatg ntagnntnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaaggga atcaatgcca actgtntacn      360
tntggactct naaagctaatt attgtacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnnatgng ncntttttaat gacntntatn nnnnagatcn ctacttttnn cnanagggct      480
ataatgagat tcacgaagtn tgcttacnng agagcanaca tccggtnatn atactgaaan      540
tcctgtgggn atnaaggntt ttgaacactt gcaattattt gaattaattc agcnccctggt      600
aagaactncc aggaagttca cananagant ccatntgtgt gaaactgcct ntggatatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatggt      720
caagntnctc acttngcagg nctgaattac c                                     751

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<210> 4900

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4900

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ggcacgagag aggggtgggt ctggccacat aggttnctct gtggtctctg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcat ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggtctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga acttttttga aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan      660
atantnaacn ncantacccc ctctngaaa naaaaaance tcgnaccntt ttgaacttt      719

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<210> 4901

<211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4901

gtcttgtcct	cnnaaacct	ttgcacttcc	tcttttttgc	ggatccctcg	attcgaattc	60
ggcacgagag	agggtggggt	ctggccacat	aggtnnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aataacttaag	aaaggggaaag	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaaatt	actgtcaaga	gcaatataag	ggcatggggt	420
ttgatcanga	acttttttga	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaaa	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaanc	tcgnaccntt	ttgaacttt	719

<210> 4902
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4902

tcattcnmmt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctgggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgmnmmn	tcngatngtg	acacagnctt	ngnchnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggaagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaanact	tggnctctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gnctttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncccttttg	ggngnncncc	cnancttggt	nggttnaacn	660
ttccntaagg	gccaanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	cccnaagngg	tttntaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4903
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

tcattcnnt	netagnnctt	ggtgegganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgneg	agctctgggc	ctntcaaaac	tnaaggtcgg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tengatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagnncnnat	nnccttaatg	420
nntgnnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncganctttg	ntcangcctn	gncttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngnncncc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cntttnanct	cccccttnnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4904

tcattcnnt	netagnnctt	ggtgegganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgneg	agctctgggc	ctntcaaaac	tnaaggtcgg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tengatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagnncnnat	nnccttaatg	420
nntgnnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncganctttg	ntcangcctn	gncttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngnncncc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cntttnanct	cccccttnnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (720)

<223> n = A,T,C or G

<400> 4905

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aaaggcaaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180

cagagatggc	ttcatcgaca	aggaagattt	gcatgatatg	cttgcttctc	tagggaagaa	240
tcccactgat	gcataccttg	atgccatgat	gaatgaggcc	ccagggccca	tcaatttcac	300
catgttcctg	accatgtttg	gtgagaagtt	aaatggcaca	gatcctgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaaccatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480
gaanncctat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaacttt	ccccnccttt	tanaacntnt	gnattncaat	taattttaana	660
attttgccn	tttttttttg	ggggtttntt	nccanctttt	tncctttgnc	tttggttaan	720

<210> 4906

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1593)

<223> n = A,T,C or G

<400> 4906

ttttttggna	aaaaancccc	caaantance	aagggccctt	aacotttggg	ttttcttttt	60
ttttnggcca	ggggggaatc	ccccnatnc	cggnaatttt	cccggaaaaa	tttnccgggg	120
gccaaccgga	aggggaatttn	ggttaagncc	aaaagggttt	ccaaggccta	aattggggng	180
aaatntgggg	ctctttcnct	catcnanggc	actactncnt	cgtctntaac	aanannannn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	ncatcntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantenc	ttataantac	ctntcctact	360
cctacatatn	gaencnctga	ntnttnnctn	anacnaancn	ncntntnnna	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgate	480
acntcntaan	cnttatcttt	cntatntacn	ctacnnatnn	ccatnattat	cgtctnattt	540
ancttntnat	ttactacang	antgntctat	catnctcnna	tancnacncn	tctnntccat	600
actnncnatt	tgacnacngn	ancatngttg	ttctccttat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtncgnacn	780
tanacatcaa	gtnnacatac	ntancngan	acataccaaa	ncnatannnta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	cccttttatga	900
tactacaaa	ancatncgnt	ctacttctct	cactccttac	ncatacnant	nttgcattnng	960
cnatcncacg	tannnncccta	cactatagct	annnttgntc	tctttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnctctgtng	tnaaactcca	cgcanttaca	1080
ccgctcnnaa	ntccctacc	canctnnctn	tatcccttcc	nnmntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgtcccttcc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactncggn	tctanantca	tcnanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttncctn	cctcncatgt	nttancncaa	nacactntca	1380
tncatgcann	ttcnatacna	atacntannt	acatntcatn	canntnnatt	actnaangac	1440
atanngcca	tatatactan	gattgtaaca	ttcatnanna	ncnnncngnat	ntacacntta	1500
ttctctatat	natatcttgn	atntcacnnc	ttctntcnat	ctntacnann	tcangttnnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4907

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gnncttngaa tttaannccn ttngctactt gttctttttg caggatccca tgcattcgaa      60
ttcggcacga ggttcctgat atggcnggct atcctcacat gtcgttacat tncatcagga      120
ttggatggaa catcattcag aggtcctttc acgggcaatt ttgaggaact gattcatttg      180
gaagaaagat taggcaatgt caatcgtgga gcatcccang ggacaattga aagatgtaca      240
tatccacata aatacaaaan ggttacaact gattggttct cacagaggaa actgcactgc      300
aaacaagatg gggaagaang gactgaggaa gacncacagg aaaaatgtac tatctggtng      360
nctatttttag aggaaggtga agatgtgaga cgtcttgcat gtatgcacct tttccaccaa      420
gtgtgtgttg accaatgggt gattccaata agaantgcc catatgcaca gtggacattg      480
ngcccatctg ccaagtgaag gntgacacca tgtttnanaa ctnttgcct cctctcatc      540
ccattacttc ctgntgctgt acttcaacnc nnagatggca tgacttacct gcgcagattt      600
ggaagcattg naacttataa tgctgnctnt gctatatggg acaacttatg cttagaccta      660
cagtttatgt atcaagtggc tttgangtnt tatnaagct ttttttctag attgacnttt      720
tcngctcant tactggttnt tgcnnngtc                                     749

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<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4908

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cgaattcggc acgagccgga acaaggacca ggaggtgaac ttccaggagt atgtcacctt      120
cctggggggc ttggctttga tctacaatga agcctcaag ggctgaaaat aaataggga      180
gatggagaca cctctggggg gtcctctctg agtcaaattc agtgggtgggt aattgtacaa      240
taaatttttt ttggtcaaat ttaaaaaaaaa aaaaaaagcc tctagaacta tagtgagtcg      300
tattacgtag atccagacat gataagatac attgatgagt ttggacaaac cacaactaga      360
atgcagtga aaaaatgctt tatttgtgaa atttgtgatg ctattgcttt atttgtaacc      420
attataagct gcaataaaca agttaacaac ccaattgcat tcattttatg tttcangttc      480
agggggaggt gtgggaggtt ttttaattcg cggncgcggc gccaatgcat tgggcccggg      540
cccacttttg ttcctttagt gagggttaat tgcgcgcttg gcgtaatcat gggcatagct      600
gtntcctgtg tgaaattggg atccgctcac aatttcenca caacatacca acccgggagc      660
cntaaagtgt aaancctggg ggtgccttaa tgaagtgagc taacctcaca ttaaattggg      720
gttgcgctca ctggncacct ttccagncgg gaaacctttc ttgccaanct ggcatttaaa      780
gnaatnngg                                     789

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<210> 4909

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1214)

<223> n = A,T,C or G

<400> 4909

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gcncctcccc ctnttnnaaa ccnttnnaaa acccttgggt aaacccttc nnattnctna      60

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tnngcttggn	ctacctnctn	nacctnannt	nnnnatncac	ggntngcnnt	tttcnacgtt	120
ttnnncnccn	cttntncaact	cagcaacttt	ntnacnctta	atntgcanct	nntctnctan	180
cgggngggcn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggccntgnaa	240
atancatctn	tnatggntaa	ncacannttn	tccanagcnn	aatagnntng	gngccnctg	300
aanccccaan	ncctnattnn	cagcacccac	ctttattatt	nantatgna	tcataccanc	360
tcgannncct	atnggtggnt	ntctngngcc	antgnaatat	angccgcagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aatanttncg	ntcattacca	agtatnanaa	ngntatcttn	tncacactaa	ntnagcgngc	540
ncaaagntng	natnatcact	cnnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
ttttntanat	cnntatattt	atantcnant	tnntantnnna	attcanntgc	ttgmnancac	660
atgnanncta	nnnttanntn	annncnntat	nctctttatn	gctnttcccn	tttnmantnc	720
anttagacnn	tacntnnccn	tnangcgcn	ntattaanca	acannannnt	tnnantcann	780
tnctctntnn	cgattctntc	gncnccctc	actgcncnnc	ntnntcncnt	nncntnccn	840
ntnnctnnnn	nngtcnnmnt	ntctctttct	tcagnncctg	tcacgctctn	atantannac	900
gtatactntc	tnctnntann	atactcgana	cacactgntg	atatannctt	ntntacatct	960
atcantacgn	ncnanatcat	anantnntcn	atanctctca	cactctntca	cgatngtntc	1020
atcgccacc	ttcgnnactc	atagatntnn	atatanntac	cnngtgntan	tctnntnnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnc	natntcnnc	ctcnatnatn	1140
nantnacact	aancacnata	cncactaact	atattactcn	catntcancn	ctactctatg	1200
actctancta	ngcc					1214

<210> 4910

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1192)

<223> n = A,T,C or G

<400> 4910

gnnaaggggt	nnncntntc	ttnttctgct	ttngtcatc	gtentcgacn	gngnctcngn	60
ctgntctaga	tgacctctcc	gctttttttt	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgctcaact	aaacnncccc	180
tganttatat	gcgctaggng	aagcatgctc	ntncactaga	caattgactc	tgctttagnt	240
aattccnatt	cgggaaactc	gcgcaacccg	gtnnccctggg	gacctcctat	ctcntngaaa	300
cgatgaaaaa	gcccacccct	tttagngtcn	cncctngagg	aaatngggcg	catgggcgca	360
nattcgccct	caaaggggaa	aanggggggt	tagacncang	nccttttcac	ccctngggna	420
ggngttgnaa	gnggaatagg	gnctcnaaat	ccccnaatt	tcctnngngt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nngggnaaac	ctttncggga	atngttangc	aaaaattttt	tggtttgggg	gccttttttg	600
ggcctaagg	natttcnggg	ggntttancc	cccaaaattn	tttcgtnggg	gncanattna	660
ccaagnnnn	ccanttggan	accccaattg	gttgggccct	nccccctggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcnt	taaanccttg	gtnggaacct	ttttttggaa	780
aaggttttcn	ccnggggnnt	nccnttttna	aagggcggtta	atancccnng	ggtcttagtt	840
tnngnanaaa	anccaatntt	nttcnccnaa	attgggtttt	ggggcntttg	gtatcccccc	900
gnaaattncc	aattncaaaa	aatttcccnt	ggggnnccaa	ttttncnta	ancccttttna	960
aaccggttaa	aaacctnggn	ggggncnat	ttnttttngg	ggntnnaana	atttgccna	1020
accgttntta	accttnttnc	ccctttaatt	cgngnttnn	cccannttt	tttgtnngcc	1080
cctaaacgng	cntaaccagg	ggaccttttt	nggggaaanc	ctttntccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnaccntggg	aggaancatt	nnttggggaa	tn	1192

<210> 4911

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4911

gencannccg	annnccncan	ccannccnnn	ncnacncccn	aaacgnnana	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnncnagc	nacngcncgn	gncacgaggc	ccatgtncag	nctccaagac	cnncangaca	180
ccgcccgaatg	ggaagccccc	gnggncngga	ggcgcacagg	aagaagggga	tnngggcagg	240
aanaagccca	nggcccgaag	aagaccggag	gaccanaag	gncaggaaga	gacacncacg	300
cnccgncnca	cannnnccgn	acaaganacn	ancangggga	gcgacnagcn	aacanncaca	360
gnangagaag	ngancaccat	gngcgacgna	nncacacgca	ccnagcgngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagaggn	ncccccccg	canaacatgn	cancnactac	accngncnna	cnaaggggac	540
tcaggngata	ngaaggcncn	acancgccng	naggnaaaac	nngcacacnc	nggaaacnnn	600
gaacntgna	angnnnnncn	aaaaaaaccn	canggggaga	aaagagcaaa	gngcgngcac	660
gcagggggnnn	cgnaannana	aaacccnngc	aggngaaaac	cacngggcta	naaccaggnc	720
ncaagngnac	ggaanaacaa	cgagcnaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nanccncang	ncncacgcan	gggaaacnan	cgnnnaccga	naaaaggggc	840
aanngagncn	ccnnngggaa	aaggcaccaa	naagctataa	cccagagagca	gagnnnanng	900
ccccncgcca	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaangcg	tggnacannn	caaacancna	acnccngnna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttggtct	ttttgcagga	tcctctgatt	cgcangaggg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtgaggt	tgacananag	ntaancagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnattttta	aggcaaaagt	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtattttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttggt	nnctnaatgt	540
tctccangct	attgtatggt	tggattgcag	angaatttgn	angatgaata	cttnntttta	600
atgngcatta	ttaaaaaatat	tgagtgaagc	tnatngtcaa	ctttattaag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 4913

gtnactaatg	gctgggctac	tcgttctttc	cgcaggagcc	cancgattcg	tcnagtgnct	60
gnngnttgtn	antntnngcc	nnggcantna	ttnattgncn	ntngatgatt	gatatacaaca	120
nttgaggtaa	aaatatnecat	gaggtctaaa	tataacatgt	aaatgcaatn	tcatacttta	180
tttncattgg	caagataaca	ttgantaccn	atactgnggt	atgtgacaaa	caagcttgat	240
gcacgtgat	ntcnncttta	tttccctttt	ccttgnttta	aaaagatgca	ctgcgttgtn	300
atncncnggn	natatganta	ctatgngcac	naaaacnana	anntcngatc	attcgantag	360
agganaaatc	nganctnca	tcncattcgt	tctnattcng	nngnanggat	ctngtaggtc	420
ctcctttctn	agatgtggnt	ttaggccagc	agcntaggca	tccctgagac	tccttataaa	480
tgcataaatc	tcaggcncag	cccagatnac	ttggagcata	atntgcagtt	tgcaagatcc	540
ccaggcaatt	catgtgcatg	tgaaatnngg	acaagcacct	ttntggggcga	tgcaaagcca	600
ctcatnctcg	cgtgcctatn	acggttttnc	aacacatcgg	atcccatctc	aggagcctga	660
cccgtgtnta	nctanattaa	ncttcactgn	tgatcttnat	gatgcataatn	a	711

<210> 4914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4914

agagnnnnnn	nnnttgctgn	ntactnaatg	gcttggggtg	gttggttcttt	ntgcaggag	60
cccagcgaatt	cgccgggtct	agccaacatg	tgactacaac	tgcatgaaag	accttaaatg	120
agacctactc	agccaaactc	ttcctaagtc	ctgtccaaac	aaaaccatga	aggataagaa	180
atgggttatta	ttatttttaag	ctaccacctt	ttggtgtgat	tattatatgc	aataataggt	240
agcagacact	ggcttttggt	ggacatgtat	gttctctgca	tattctgctt	ttgtgcatgt	300
ggagaaatgg	gcttttctggg	ctgctgacaa	tgaggaggta	gagatgttgt	tcaggcagat	360
gcgttttagac	ttcgagtcca	ctttctcctt	ccaagaacta	tgtggcctta	caaagtctgg	420
ggttgggttta	agaaaacaga	actcttaatg	tttgtaaaca	ttctgtacg	agagttcatc	480
catcatttgn	gtctctctag	aaaggtcata	cgcagaaaat	gtagtgggtg	agcaaaattt	540
taaacttttc	agactggcaa	aaccctttct	ttaatgtata	gtattactac	tcatgtccat	600
tatgaaccat	gacccaggga	gactctgctg	anacaggctg	catctnctcc	accttatacct	660
nctaagacan	gcttctacct	aaggggacat	agaatttacc	cctgtttgtn	gggtgggtgtg	720
gattcttncc	aactgnctta	atccactgg				749

<210> 4915
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 4915

atccctcnnt	tntcaantca	tattcctcac	aagcannctn	tanaatntct	nancactttg	60
------------	------------	------------	------------	------------	------------	----

ttctntcneg	cnaaggngga	cgcgatntga	ggactttgggt	gnnnntgann	acttggtctga	120
ttcacatgcc	anggcctngn	angaagcagg	agaaaggana	nnggngacng	acttaaactgt	180
gtncataacc	atccttacca	ccngaagcta	tccanagctt	ctcagagngt	tgcagaanta	240
caccaantac	acnaancatg	acatgaacaa	agntctngac	ctngagnaga	aaggtnacat	300
tgctaagtgc	cttnacagct	ctcgtgaacn	gcgccacagg	cgaaccagct	ttctttgcag	360
agaagctcta	tcangccatg	aaaggtgntg	gaactcncca	tanggcattg	atcacgatta	420
tggntncccg	ttctnaaatn	nacatnaatg	atntcanagc	attctatcag	aagatgtatg	480
ggntctnct	ttgccaaacc	atcctgnatg	aaaccngang	agattattga	agaaaatcct	540
gn						542

<210> 4916

<211> 1285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1285)

<223> n = A,T,C or G

<400> 4916

gaaagnacna	aagncagctt	gacagggatt	tnaangnntn	ggaacncnnn	ttctcnaagc	60
ngnntggctn	ngatnantta	tanatatgtc	ttencatatn	angaacnaaa	ntatntntgg	120
gnggggnttc	tnctngagng	atttctgtna	ctcntgantt	nntaatgcnt	nananntgt	180
ancgantnng	gtnaattggn	cctancagca	ncatgtancc	ntaaaaacgc	atncnatatn	240
tcttancncn	nagnggtncn	ncgcnattat	ctaagtncctt	cttnaactga	nntntaangg	300
nctntgtant	ncngaanct	ttaagtnnat	tcacgncnta	tattctaant	catgttccaa	360
nnnccctatc	ctgcanaatt	acnctgcnnn	tgatccntgg	catcnnggaa	gntcantncn	420
gmncaattat	tcatnatatt	gtggcattnn	tctnattnna	tactancgnc	ntccnctnan	480
atatatanaa	gnngcaanc	tctgtngaanc	nncttcnaat	ntgacnnacc	cgtntattat	540
atgcatnaac	ccntatcctn	atcnanctct	agtgtggctc	ttaggcaccn	annatttatg	600
ggnaccctgt	gntcaaattn	ggntctccgt	nancnncng	ctctcnattt	aangntnang	660
nctaaacntaa	ccntctttgc	tgggtacaat	anggcgnacn	ctccnctnnn	nacatttttg	720
mnaaaagnc	taentgggnt	cactatntna	nancnacnc	ttttatcggt	acntngcgta	780
atnattgncc	atatgtgata	cgngnccaac	aaaatgtcac	tntatataan	tntggntcnn	840
acntcnncgt	tanncnccct	atntaacntt	cannttttac	atananncnt	aaaacntntt	900
gngcaaacia	ccaatnggng	atcttnnnga	aaaattanca	tnggtttttt	ggctactttn	960
ctatntcatt	naattaccgn	nntatctcna	ncntanntaa	ctacnntttt	nanaaaggng	1020
tcaatgggtg	tcattctctca	gngacaccct	cnctatata	ncatnctnta	tntagtataa	1080
tctcanaaaa	cnctccctct	naaancttnt	gggnacntna	anaanacgtg	actntcannt	1140
cgaanccttg	nnntntntaa	tnnggatant	agggnggtac	naaaaaaann	ngtgtttata	1200
aacncancnn	ttnaannnnt	tctctatatg	ngcaatttcn	acggtattnc	tnncnngtcc	1260
ccatatatac	tanatcacan	tatnn				1285

<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4917

ggnncctnnt	tnengccttt	ngaancnccn	agttccaaat	gctgggttnag	atcagctctt	60
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gttctttttg caggaccctc gtcanaattc cnacagggag anttcgggna ntntttannn 120
ngagaacngag tctggtcenn tngccagecn gaggcgggan aancncctga acctgagang 180
tggacncngc gctgagccga natcnttaca ctgcactcca gcctgtcnac agantgagac 240
nntntctcaa agnatgtata atnctnacia nnnctccacn ngancaaann nnnangannc 300
cggannacgg agnctcctnc cctnaangan ccntggaaga atggagncac ccagrnngctc 360
natttntggg nntnnncaact tnngecgtna aatggatgan caagggctca ancagtnccc 420
tncataatct gccctnaacc cntncaaann aacatntnnn gccantctnn cttcanaaac 480
nggaaggagc ccennatgac atnccagtcn nagccccan cgaggaacna ggccnntgnc 540
ccnanntgag tgcagnana agggcncct gccanagccc ctgccggnt tcntncaana 600
anggaagaa nangaagcaa ccntggaaac tcgctctgcc aangagcncc nngacaangg 660
ttnaaccggg nggcccnnnt ctgagcttng ccgccntttt ctgngggncn nccccagaa 720
gtgtttacac cccttaatcc ccnctttanc nctngatttn nggggggnccc naaccggat 780
nn 82

```

<210> 4918

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4918

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gnnnnnnnnt tttnngctnt tgaaaacccc tttgtttcaa agaccnagtt cttgttcttt 60
ttgcagggat cccatcgatt cgaattcggc acgaggtcac aggtaaaaaa aangtgcgtn 120
ataagtnntg ttatcgttg actttataaa agcaaangaa attgangtaa cttttgattc 180
tggtnctcaag attcatnttt ncatacaggt cataactgnc ttnttgnaac cttttcacag 240
ggcactgnnn gatgggatta aaggtggcaa ttactggata actgcacatg cctctacttn 300
gttctaaant ctangtcatg aggtgatttg atttacttta tagangctgg attttgaaga 360
tctaatagna aatgttatga tnatatcagt gngtncaaaa aaagcaccag caactgataa 420
aaatcgcntn tttgtgcgct acccaactgg ttaaagccaa tgtgatcttt tatggngaaa 480
ctcctaagan acangtggtt ttgctgnaaa cttgncanac ccttaattat agncggtgct 540
aatgagccta ctgcaatata aagccaccat tnttttttat caaacatctg aattcatttt 600
acaaaggcta ttgttagggc attattttga gcactatatt tgaggtgatg ttnanaaaac 660
ttaaactnca aatcaaattg aaaattaatn taaatatatt gncttaagga ctttctaag 720
aatgtgccac cagactttaa tggatagttg cnannatcct tgnctaanaa caaaaaagtt 780
gcttaaacad ttctttttaca aganggnntt tt 812

```

<210> 4919

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4919

```

ttctaatacgn aggttctagt nctgttgaan ncccngctat tngattcggc acgaggnctt 60
ggctactggg gaggtgatg cccganaanc atgttgggcc aggagtnaag gctgcagtga 120
gctttgnttg cacngntgcn annncatnct ggccngccca nngngncccn gccacaccan 180
aaattatgtn ctngntntan nngcntcnga aggcctantc tcgnaccaga gttnctctta 240
ctggattatt tttagattgt tattaacatt nctggtctnt anctttactc agtctggatn 300

```

```

agaaaaagaa taccatgcaa ttgttaacta ttngatgttt actagattaa ctattaatat 360
attgttgtgg tccatattta agagtactt tgttntctaga gatttcatta tagtggngnt 420
taatatannt ttgggtattt ttaactaaaa atcattgcta tccttcaact gtagattcta 480
ctatgaaatg aggaaaaatc agcaatagaa ttaattgggt tcaaagtata taaataatga 540
tgtgggaaag ggaagtcnga gggatatctt ggaagaactg atttatctga aggttaatact 600
gngtgaaaga acctaagatt gtngacanag catgcttnat gcaattntgc tgggccatag 660
tagtantaga ggctctataa aatgtgttgg ggtgtttttg ncttttaang agacnagtgt 720
ctcgctntat tggcccagga gtttcaaacc tgnagtgtccc cngtggnttn ncacctgtga 780
nt 782

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<210> 4920

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4920

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agggnnccnn tgttctctcc tnaactcnnn nntgncagcc ttnntcgcct accagaaggg 60
gtngggccgc gctgacggcc cagntggcgn tttntctcca ttgtgtatat gtacatagmn 120
tnnatcacta gattgnacnc tcctcanggg cacgaaccgc aacatntatg cngtgcctgc 180
ancnccta atgtgaanngcc tggcacactg gtagcgtgca tcatgaccn tngaattgngn 240
gagtaacnac ctgccnnanc acgatgnnat gcngttcacn tcccctgtgn acnncncngc 300
gnngcaantc ctgccatang agggcgngagt tccaacnccn gggnnnactg gcncanctgg 360
gttgnaccat atcatccac atccnnacca ctngctaacc cannttact gnagattacc 420
tgtcagagac ctgcgttcgc tatctaatat tcgngctgag gntcctagga anatctggaa 480
ntggggaaga ttatggagaa aatgaaaang gaaattcggg gagggngggt ngcagtataa 540
agccctgtgg gggaaaacat attttagctc ttacttggta aaaagggtna ncagaacctc 600
tggtttcttt accaangtcc nctggntngg nccatttctt ccaattggat gaacnacccc 660
tttgggtttt tannctcctt tntcaattt tggggaattc cccnntcnaa tnggctttac 720
natngaantc tgggnanctt naanangtcc taaatanaan ttncctgggg naatntggta 780
c 781

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<210> 4921

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 4921

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cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
gagaagcgta tggccacaga agtnctgct gacgtctgg gtgaagaatg gaagggttat 120
gtggtccgaa tcagtgggtg gaacgacaaa caagggttcc ccatgaagca ggggtgntng 180
acccatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana 240
actggagaaa gaaagagaaa atcagntcgt ggttgcatg tggatgcaaa tctgancgtt 300
ntcaacttgg ntattgtaaa aaaaggagag aaggatatcc ctggactgac tgatactaca 360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
aangaagatg atgtccgnca agtatgttgt aagaaaagccc ttnataaaga angtaagaaa 480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540

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aaccngcggc	gtatttgctc	tagaaagaag	cancgttccc	tngaaaaaan	tnnnggaaga	600
aggcntggan	gaatatgtct	anaacttntt	nggctaagag	naatngaaan	gatgcctaaa	660
nggaanaagc	nccaaggaan	caaaattggt	naaagnagac	nncnnacntt	ttcctnttgt	720
ngcnaagcnn						730

<210> 4922

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 4922

gngnngnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnngnnt	ttntnataca	60
gctcttggtc	tttttgagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tnnnccggt	tccgngtnnt	cnnttgagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	gnnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcttgc	ancggggctn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4923

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 4923

gngnngnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnngnnt	ttntnataca	60
gctcttggtc	tttttgagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tnnnccggt	tccgngtnnt	cnnttgagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	gnnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcttgc	ancggggctn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4924

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4924

cgggnnnnnt	ncntttcntc	ctaangaaac	netntngant	ggcntggcta	cttgttcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgtaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcagggt	300
cagggggagg	tgtgggaggt	tttttaattc	gcggccgcgg	cgccaatgca	ttggggcccg	360
taccagctt	ttgttcctt	tagtgagggt	taattgcgcg	cttggcgtaa	tcattggtcat	420
agctgtttcc	tgtgtgaaat	tgttatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagt	taaagcctgg	ggtgccta	gagtgaagta	actcacatta	attgogttgc	540
gctcactgcc	cgctttccag	tcgggaaacc	tgctgtgcca	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagaggcggt	tttgcttatt	gggcgtctct	ccgcttctct	gctcactgac	660
tcgctgcgct	cggtcggttcg	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtataac	720
ggntatncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgaccgcga	aaacccttg	ggaangnccg	60
ggacgggncc	cnngngccgn	ncncacncg	cnncnncnac	acccntttt	nccccattt	120
tancaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagncccc	180
nncgcnggg	ganncanang	ngcngnnaag	naaccngng	cnncananc	cnngngcgng	240
cccacanaca	cnggccanaa	gananaacga	agcgnacgcg	gncgaagncc	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaagggng	aacngnacac	360
ngccngancn	cnegncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnnccca	naangcggca	canacgncnc	ggggnnnnnc	anccgngncc	canangnnna	480
gacnnggna	caccnncca	cccncangcc	nagannncan	aannccnagn	naccnagac	540
annacnnnnn	ganncnncnn	cnanccgagg	nacannncng	nanngnngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	ncnccccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaacn	ncacgcncgc	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgnccnnn	cgcgcnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggngangng	cacgaancaa	cggccannng	nnngannagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaannng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanaag	aagnaanacc	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnna	gnanccanc	gcncnngcan	cagngcacia	naanncggan	ccccacgcca	1260
aaacngcnac	agnncgcaac	gnangncncn	acgccanacg	cc		1302

<210> 4926
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (818)
 <223> n = A,T,C or G

<400> 4926

tgnnggnnta	gatcagctct	tntctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gctatttggtg	ttttgttgca	ctgttntttt	tgtttggttg	tttgtttatt	tggttggtct	120
tttgagaggg	gaaatggggg	tgaaatattn	ctttattgnt	gaatcatttt	gtgaatgtcc	180
ccctcaaaaa	aagctaattg	aatatttggc	ataaagggca	ttngntgggt	ctatttttgt	240
ttgaggggna	ttntcagaaa	atcccttttc	tctcttacgc	ctaactgact	ngggaaccat	300
tgangatntn	cntagcnttg	gaatacttga	cattatntac	tctnacnaat	aacacattaa	360
gcnagaatna	ccaatnttcc	nanaatnngc	ncttgatcac	aaaatgtgan	nnacctntna	420
atgtnntana	ctttatcaaa	ttnagtnnta	ttttcccttt	cnaaatgtcn	ccctttcccn	480
ggcatttntct	tccnttaaaa	tattggtnan	ttccctgaca	taccnathtt	catngttcaa	540
cagctttgtgn	nccnnagnta	taanaanttt	ttgnanccct	ggananatth	tcaatnncgc	600
cnatnangta	nccnttcnan	cantgttngn	gnaaaacccc	cntngcaagc	ccntaaaaan	660
gttaagcctt	anttgntctt	aattncnctt	tmnnngcntn	actaanncn	catnttcnna	720
nttccttnaa	aaatcntntt	nggagcccn	cccttntntt	tacctttgna	ntnnnnccca	780
aacttcannng	nntatccaat	nctgnttttn	ccnaaacn			818

<210> 4927
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (742)
 <223> n = A,T,C or G

<400> 4927

atcagntctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gggtgactgt	60
ggagggcgag	ctgagccctg	gccgccgtca	caatgggccg	ngagtttggg	aatctgacgc	120
ggatgcggca	tgtgatcagc	tacagcttgt	caccgtcgag	cagcgcgcct	atnccacgtn	180
ttcactaaag	gaatcccca	tgttctgcgc	cgcattcggg	agtctttctt	tcgcgtggtg	240
ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	cnagagatcc	300
aagaggaaga	atncagctgc	ctatgaaaat	gacaaatgag	caacgcaccc	gnatgacggt	360
tccctgtctc	tgaaagacct	ttctctggaa	gaggagtctg	cattgtntgt	ctcaaagaca	420
caataaactt	cctatggtct	gcanaacaca	nnatntntta	aaaatttaaa	aattanctgg	480
gcatggtggc	agggtcctgt	attccactac	tcangangct	nangccgaaa	tcnntagaac	540
cnnggacgtt	gaagtttcag	tnagctgant	cnttccactg	gacttnaanc	tgancnnnng	600
antgtnactc	catcccaa	tnnaaanang	tgggantatt	acttntcntg	aaacntgcgc	660
ctntangcca	attcttaann	nnttangtgg	naagaacatt	tancccgna	tttnagggttn	720
nntnacnatg	ctgngggggn	nn				742

<210> 4928
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4928

aaccgggtgg	gccccttttt	tgaaaggntt	tttttanccc	ttngttnnnn	cnnnctaaat	60
annngngntn	catcgntcg	ctanngccng	ntntgggang	cnatgntata	cttggctacc	120
ttcctatgnt	ccttctcaca	gcaaaaactnn	gggactgatc	atttgaagtc	acccctctgt	180
gtcttcttgt	gaaatggctt	gggcgtctct	gggctctgac	ttgctcatct	gggaagagat	240
gggggtanagg	gagttggatt	ataaatcatg	cttcactcag	tcaacagaat	gctactcagg	300
cactaaaaat	gatggcgtag	ccctacgtat	tctgacatgg	gaagatggcc	acaatatctt	360
attatgtgga	aaaaactagt	tgcataggat	ttatggnttg	attacatttt	agtaaaataa	420
attcatttat	ggtggtatat	gcaaagaaaa	aataatgccg	ggcgcantgg	ctcacgcctg	480
taatcccagc	actttgggag	gctgangcag	gtggatcact	tgaggccagg	aggttgagac	540
cagcctggcc	aacatggtaa	aacccccattt	ccattaanaa	tacaaaaaat	tagcaccaag	600
cgttggtggg	cacngtgcct	gtagtcccag	cttactcagg	aggctgagat	gggagacttg	660
cttgaacctg	gaaaggtgga	ngttgcggtg	gagcccaaga	tcacgccact	gcacttcggc	720
ctngggctac	agnccagact	ctgtctntcaa	aaaaaaaaann			760

<210> 4929
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4929

gngnaggnan	nattttnnaga	nagcnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttggg	aacagtcgtg	120
nggangaatt	gcgagagAAC	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatattttn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atatttcanc	gggatanaac	agnccaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgctcaa	gactgactct	gatagtgtga	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttgggggaang	ttgcccattt	tcnnnccggg	600
accaatgngn	nngnggggtn	aaccncagg	ngaacnaacc	antgccttg	gaatgggnna	660
cctngnnncc	ttancaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnngg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcncccaac	cntaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4930
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4930

tccccccnt	ttgaannccc	ttntttta	nnncatanag	ctacttggtc	tttttgcagg	60
gacccatcg	attcgaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgtccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gccccaaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgcagcaaac	acctgggttg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcaccca	ttaagcgctc	agtcattggc	tcatacctgtc	tcataaaaga	tagagtgtact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aaggggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgagggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncctt	tggcctncaa	660
agccacagat	gttgggccc	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcatgcttgg	anacttgttg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtgtaca	caaaaaaaaa	aaaa				804

<210> 4931

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4931

gngnaggnan	natttnnaga	nagcnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnncag	gnatocccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaa	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgccggac	atatttcanc	gggatanaac	agncgaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgtctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttgggggaang	ttgccattt	tcnnnccggn	600
accaatgngn	nnngggggtg	aaccncagg	ngaacnaacc	antcgccttg	gaatgggnna	660
cctngnnncc	ttanccaancc	tcttcnagaa	aggccttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannggn	tttganncca	cccaatnagn	780
gncaanaaat	ggccccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcncccac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4932

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4932

nnnnnnnann	nnnnnnngnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnna	nnnnnnnanna	60
ggtgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancgnggaa	nggcnataac	120

aannagngga	tgtgnccagn	nctctgnatc	tnngacttng	atgctanata	catcatgnca	180
tnngnngctn	ctaagggaat	aagccataga	ggctnnccca	ggtagaaaag	aacagtaaag	240
nacctggaaa	accaacattn	nngaattgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccacagna	atnagacatt	360
actagngcca	tgtataggac	ccaactgagt	attagaatca	gnnnngacta	tgncnnngna	420
tngcctaaat	ctgttaatgc	ataaaccgaa	tnagggtcca	gnnggcctgt	naatggtaaa	480
nntacatnan	aaatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tnnggnnaaaa	ctgatnaatn	ngcaaaactng	agngggngna	cncacagacn	aaagnangaa	600
ccacagnnaa	ctagggggac	caggnggnna	gnngaaaaca	cncacaagng	annnnngnnn	660
ngggnaaggg	ngggngngaan	gganggaaaa	ngngnnnnag	gaggggaagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaagn	aaaannnnng	gcnggaagaa	ggggngngna	780
accgcaaacc	anngccnagg	gggnnnc				807

<210> 4933

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (925)

<223> n = A,T,C or G

<400> 4933

cgngctttta	ctnttnaaac	cctttgcact	tncnctttnt	gcaggatccc	atccgantcg	60
aattcngcac	gagagaggg	ggggtctggc	cacataggtt	ttntngnggc	tctggnetgg	120
ggntagacac	tgacagggac	tagnattnat	tggacttgcn	aagacagtcc	ctcanattna	180
gcaactnctt	gcntnntatg	gtngcatta	tgaagccanc	ntagnngnnng	taaantanag	240
ccctncatct	ntnctngna	gccccntcac	tgggctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaaggg	anntctngaa	cnggntagca	360
agatcnaanc	atancttgct	gngetnccan	ggnacnncan	cctnanncnc	tgncnannng	420
cnatatanac	ggtcangggg	ctttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntggn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtncctcacc	540
aanantnntc	ccnccganna	actctaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnnat	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnnctntgct	ngectccgat	cccactngcn	cgcnetntgt	720
ntnnngactg	ccccctngn	ncttntctctn	gananattct	tnngatacta	cccaaattatt	780
ntgggnnanc	tactgcacat	ctnntcannt	nnnncgcatn	tcatnatnta	tantcanenn	840
nnenaatnnc	cnngetnctn	cttacnaana	ntnncnctc	gcggcggggc	gnnncatan	900
tannnngnng	ncannnaaag	nngcg				925

<210> 4934

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1025)

<223> n = A,T,C or G

<400> 4934

gtnttcattn	acttttentaa	tnnnntggga	ntctctgaan	gacncnatng	antngnnttc	60
ggcacgagta	ctgctccttc	attcccaagt	aagaaangnc	aggntctgct	acttccaaaa	120
ctcagncaag	acttgaaggt	gaantgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgacatctgn	cattaagctc	tccaaacata	aagctgaatc	tnactagccc	taaaaggggt	240

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cagaatagat aagaaagggtg ganagaagtt gtncnaagggn catagaaatn gtctgntcca      300
gcctcantgg tgtcnaggat aatggcgang aggaggatgc ancattcact tgcaatacca      360
ngatgttttac tggancccat anttnatgtg ggattnanac naataangat aangaaatgg      420
gcnaangaag aattggatnc ancaattana ggggggtcggg ncaatgnaan tcatacnang      480
cantattgct aattttcaaa cnttaattnc aaatgcaaca ttcattntnct aggatncctg      540
gntttnnngt aaacttnggt aanaaacttt nggattttcc tnaanannan ttcaatnntt      600
catnatanca tcccnttngn acnaggntac tcctaanaat ncnaatttnn attgcnctaa      660
accenttntnc tcaantctng gggannntaa tgggnntcnc cntatantag tnatntgaat      720
ttttctaaga tcacanaaaa aaatgggcca tttgtctcac atntatatgg nggatggcct      780
ctccntaaaa cntccttntt ggggtanaat accttttnc ncacaangng cttacatcnc      840
taantcntct nttgttatat actnatacac agtatttntc ctaanancn nccgngnttc      900
taacattntc naaannnctc tttaaaaatt ctntgnanaa aattcgtngn ctncnntat      960
catcnncant tnataatnct ngtantnatt ctnttcannn acaaaaatacg cctcncgntn     1020
gntcc                                           1025

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<210> 4935

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4935

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antgangnnn ntttcnnaga gncagctctt gttctttttg cagggatccc atcgattcgc      60
tgaaatgact tccttaggga tagagctaag ggataataac ttgcactaaa tacattttaa      120
tacttgattc catgagtcag tttattgtag tttttgattt ctgtaaaata agagaaactt      180
ttgtatttat tattgaataa gtgaatgaag ctatttttaa ataaagttag aagaaagcca      240
agctgctgct gttacctgca gaactaacia accctgttac tttgtacaga tatgtaaata      300
ttttgagaaa aaatacagta taaaaatagt tattgaccaa atgctaccag gctctgcagc      360
agctcggggg cttataaaat gttcataggg atgttacaat ataattttgt gttataaaat      420
atgccattat aattatgtaa taaccaaaat ttcaacctag agtggtgggg gttttttgga      480
aaccgcagtc tattagtact caatggtttt atacacctta cttctgacag agcggggcgt      540
atgctacgac tacaactttt atagctgttt tggtaattta aactaatttt ttcataattat      600
attggtgcat cctacttctc tcagtcaggt tttttgtgct ttacaatttg tgataactgt      660
gaataactgc ttaaaaattc acccaaagtg gangctgaat tttttcttca gccaaaagta      720
agttttgatt aggaactttg gttcaaccn                                           750

```

<210> 4936

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1500)

<223> n = A,T,C or G

<400> 4936

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cgcccttgtc caaaacgggc ttgnngnccca aatcagtctt ggaaaaancct caaatnctct      60
ctanacagaa tngnggctng gggannncnn cnttnncatg gnnccgnttt atctcnactc      120
nttttttatg aggcctcttt tttcnatctc tanganncct tctaacnggn antannnact      180
cncggggngn anctcnnttc gngggggntn nactaantca annntgnnnn tctatanatn      240
ttanntnct nnacatncca ctcntntant cctctgnnna tnccnaacat nnatacnct      300

```

```

caccncttta cncanncnnc cannacanat ctatctnate actcngnnnn cnnnaantcg      360
gccacataat catnctnctc acnmntacta ntncntcatt ctcnacnntc tctnttctnt      420
acnatantnt ntanctectn tttctctntt teetctncnc ncantttctct ancncctgcct      480
aatanactta ctnnntctcc tcnntncaca agtcngtacn tccgtctccc tntnnatnac      540
anactatntn ctentatnnn acannncttn catatnntnn natnttnnac cnnncantc      600
nnttacntnt cctnncant agntctantc tntacntta ctctnntnat ctnnctnttc      660
anctantntt cacanttcen ntccatntt ngncntctn attcanntcn tcttatntcn      720
gnacantctn acncannntc tccnntntnn tntcatant ctntnnacnt ntaacctact      780
antcttnnac tctcgtntca cctactcnnc ctntantgnt actntacctc ctantaatct      840
atnctctctn gntntnnnac ctcaactn ctctatacnn negatnanag ntntnacaat      900
ntctcgttag ttanangtnn cgcgncctac cnnnataccn ntntncnttn anactactct      960
ctctctctaa ncncctctgt cntatactat actcnatcna tatgttnatn catntctctc     1020
ncnntnannc gtngttntnt accctctntn tatctntncn ncngntcaac nnncttntna     1080
catnncttn acncatatnn atnccgntaa tctacatncn gctctnctct ntncctcaca     1140
tacgctccnc nnantcatct tctnatattn aatgacacnt atntcatntt acgtntnttg     1200
ntantttaat cnccttccat aatctactct cttatnctan nngctctcnn cnatanctat     1260
nctcnatatn ntaactctcn nnnncaactac ngatcctaag gtntntctn ncnnntantg     1320
atatctanaa tnnanntctt ttncnataaa ctnnangcct ctetaatnecg acagtctnct     1380
ctanatanta nganaccaan atccatacct ntntcttttn anatactntc nattgactaa     1440
ctncttnta taantacgta tcnatnccan atatcttgcn tctctntttc ncnccccgc      1500

```

<210> 4937

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4937

```

ttgtanctaa tgctgggtgg tegtctcttc tccangaccn agcgnnttoga attcggcacg      60
aggggaaggt ctggctccag cttgagccca ctacaggat gtcaggggga agtgtgacta     120
aggtcacggc cagccacgt ggtgggccag ctggatccag agcagggggc gttgtggcca     180
cacatcctga gtttccatgg tctaattgan tgggcttgaa aaaaaagggg ggatgcagga     240
tgctggctgg gactgtggag tgcgtgggca gtaagtctta agtgacagtg ggtggagatt     300
acagcatttc atctgctttt cctttgacac cttttaaaga tacaaccac agttttcaag     360
ggtttatgcc aatgtctgct agagggatct tgcagtagat cttaaacct atagtattct     420
taagagcaca aggaaattct tatttgggtt ccatcttaca caaaggtgga aatttaaaac     480
taggcttgan atttgaaatg ctggtcacat ttaancantt tatttngggg gggtaatttt     540
ttggaaatcn gtctttaant nanttttaaa nanngttttt ccncattttt naaaaagggg     600
ntacctttnc antttngntc ctttcaannt tttnnntttt ggnnaaaaaa tnttnnnngn     660
ttnaaatgga atgtttttta ccagggnttt ggggnttttt naaaantttt nnaanggggn     720
ntatntntgg gnncttntn naattccagn ttnntnccan nnttngaant ttnccccct     780
tnntngggna aaaanggna ttgntttttt tn                                     812

```

<210> 4938

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4938

ttgaaacccct	ttgaaacccct	tttgcaanct	acttggttctt	tttgcaggat	cccatcgatt	60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtgcagcaa	120
accaccatgg	cacatgtata	ccagaaactt	cacattctgt	tcatgtatcc	cagaatttaa	180
agtaaaattt	aaaaaaagaa	acgtactgga	aaatctgaat	agaccctctg	ctggaagcat	240
tatgaaaagt	aaataaatgg	atatactgca	tcatcctcag	aaaaaataaa	aaagaaagaa	300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tgggtgcaga	360
agagttgagt	gtaatacact	gatggtatgc	acttgatttt	agaaatatct	tactggtgac	420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aaatgtaagt	ttttatttaa	480
ttgcatttga	attctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata	540
taggccttaa	attcctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat	600
tattatgaan	gtcatctgct	gtattacagc	agtcatact	cgattgttcc	ttctgtgtct	660
tcagataggt	tctttttctt	ttcctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc	720
ttattttggt	acatccatac	ngaggaattt	tatgggctta	ttaaaaggat	gcttacagga	780
gat						783

<210> 4939

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1150)

<223> n = A,T,C or G

<400> 4939

tnccgttnnn	attnnntgtg	aaccntttct	tencacctnc	ctggntgnga	atnctgcacg	60
agaggcattg	netgccttcg	gctttatttc	tgctgactan	ntatctccta	ttmagagcta	120
cggcaatgcc	caaaagaaag	gctgcaggtc	aagggtgat	gaggcatnga	gccaaagaga	180
agatctgcca	ggttgtctgc	tatgcttgtg	ccagttncac	cagaagtga	gcctnaaaag	240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc	300
nagtgcccaa	gccagttgct	gaaacccaag	cnagaagcaa	gttgttgaag	aagactacna	360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatttcna	gangcnccca	gctttcttga	420
aaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc	480
nannaanaag	ggggtnggga	tgaattagga	annggaaanc	cogttnncca	tgcngcgaaa	540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagtt	ttgcantnan	600
annattcnnt	anaccgnaaa	tnatcaaang	gggnnnngaaa	gccctttggt	aannaatgta	660
tgngtccctt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaag	tnnttngngt	720
aaaatangnt	aggggatttn	tcaacnaatt	tnnggganan	anattggnag	ggnaaanaan	780
ggngcncnna	taactaaatt	gcccnnanta	tggtnaanct	tanntnntgt	nntngnatan	840
ngnggggnnac	nntatatatta	aaanggggag	tgcgnanatt	gaaccngggg	gtanaaaata	900
tggggnaaaa	aatttggggg	aatataaann	tantttgngt	atanaanata	nnttnntnan	960
anaggggggt	cttatanggg	attnngatat	caatnntatt	natggtgcaa	tgtntaanan	1020
cacnctcgnn	aaaaatcggg	ttaaanaccn	naggggtcatg	anatntngtg	gnannatnca	1080
gntgggttaa	tttngtanat	atattttggg	ngtaananng	tcttgcttaa	atnggggnnta	1140
ggtcatttcc						1150

<210> 4940

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 4940

```

ggnnngccgn nancnggacc ntcancgatn tnnacnnttt gnnaaccccc cccccgagcg      60
cgggcggnga gcnngtgata ttnggannag atggaaacan ctcnagttgn ngccttttnt      120
gtcaccnnag tgcgaggggg ngnatnggtg nnaananacn tcctnccan gncctnontt      180
anancacca tctaaancac aaaattcntg aagnggccgn tcagtnnngg canaccgggc      240
ctccnagnta tgtataccct gtctgttctt atnggggatnt ntctccatg tgagatatan      300
gatgcgtgcn atncgtaaaa ggnggtgcna gtgctncttg tnaggncctg acacattang      360
cgcttantcc nttaattagn ganccttgcn tcangggaaa ngggcttttc tatngaattg      420
ggaataanat aatgggntan nctttttttt naanctcccg agctcnanta angntgctta      480
atggngcanc tacaatnctc cganacttcc aatgtgggtt gtcnatannc nacccttnna      540
ttgncggggg ggtccaaaag aantgcaaat tctacctctt tgggcccata caaangaccc      600
ctttcaacca tgnctctttn tcgnncgggg agagaaacna tnnccngggg ggtnaaaagg      660
cctccccccc cntntntttt ccccccaana gggggnaata nanangttct anctccntat      720
nctttttcca agcctatttn ngttnggggn gggngttngc nntntctcca atangcccc      780
aaagnatttt catttgttta ananttccc nacttctctt gattttttaa aanataaaaa      840
tgttctnntt aagangaaag ggngnntnt nntaaacnaa agcnnnaaga aagnagaaan      900
ncttttttag aantttnta nactnttenc aaatgnngan antacctnat tcggggntgg      960
tnctntnta tnttggttac gantggctgg c      991

```

<210> 4941

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1075)

<223> n = A,T,C or G

<400> 4941

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cnntttcnc ctcnntgaac cnntttgnaa accnccntn atgcaggatc ccctcgattc      60
gaattcggca cgagggtgctc tggagctggc aaggtcacca ntttttgcce agaaagctca      120
gaaggctaaa tgaatattat ccctaatacc tgccacccca ctcttaatac gtggtggaag      180
aacggtctca gaactggntn gtttcaatng gccatttaag tntagtagta aangactggg      240
ttaatgataa caatgcatcg taaaaccttc agaaggaaag ganaaatggt tggnggacca      300
ctnnggtttt cttnnntgct tgtgggcanc tataaaggga ttagtnnnca aaaatcagta      360
cctttttaat gggaaaacaa cttgacccaa aaaattttgn tccacaagaa aattttggag      420
gaccccattn aanaangagn ttaaaatnga ggaaaaanaa aaaacgngcn tnagagaaaa      480
cttcgggagg cccctcttaa gaacctaat aggtggagga tccgnaattt naccggncgg      540
gaatcccaaa gaaccaatgg gaataaangg gattaccntt ttnggattgg aagccttttg      600
gggacccaaa aacccaacca aaccttaagg naaatggnc c anntnggaaa naaaaaaaaa      660
tggeccntnc aaatttnggg gnggnaaaaa ttangngngg aatngcctaa tngggccttt      720
gaaatnnnnn gggnaacccc anttnattaa aggcnggggc aaagttnaaa cccaaggntt      780
nngacccaaa ccaancccaa attgggcaat tccnatntn nnaaangnt nctccanggg      840
gnttccaacg gggcgnaaan gnnnnncnnc nnacnnnnnt nnnncaannn acnnncanng      900
nnnnctnta cannantnan aannntntnn nccnnnnnn cncnccanna nccnnnnnn      960
nnncanacnc ganannncnc nnnnncgnan annannncn nannaannc ncatctnann      1020
nacncaanna nnaananann nnnnnnannc nnnnnnnnn nnnnnnngcn cnacc      1075

```

<210> 4942

<211> 741

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4942

tnnttcctta	cnaccagcta	ctgntcctttt	tgcaggatcc	ctcgattcgg	aaatatagag	60
agatgtggga	tttgaatgcc	catgaaagac	attttatatt	acttgaatat	attcttgctt	120
cactttaccc	tccataatat	gttgtagatt	agtgctgac	aagtttacag	agttacattt	180
tgctttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	300
tacttgata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attttcatat	360
aaacagtatt	tttaattctat	gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	ataggtccgg	cacggtggct	480
catgcctgta	atcccagcac	tttgggaggc	tgangcgggc	gaatcacctg	aggtcaggag	540
ttcgagatca	gcctggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaattag	600
ccgggcgtgg	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa	660
tcactttgaa	cccanggggc	agaaagctgc	agttagccan	aatcgccctca	ttgcactcca	720
ncctanggga	cangagcgcg	n				741

<210> 4943
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4943

annnnnnanng	nntnnnnnngg	nannnnnncan	ncnannnnnnn	naggnnnnnn	nnacnattcn	60
ccccttttct	aanagacttg	gcnaactcngc	nctntccgca	agnagnnnng	cgtnnecggt	120
tgngaggaaa	tccaaagctg	accaaaccat	gggtcccacc	ttttggagct	tacagtctgt	180
actggggaac	agagattcag	ccaaagtcaa	gaaacactgg	atgccagcta	gattatctgt	240
tctgtgcttn	ggtgtctata	agtacatatg	nggatattgg	ttcattnnat	ccctaaactt	300
agtaccaaac	cagcatttaa	tatctaatta	taaatctaata	tnggcctaaa	ctttattatt	360
gcacactgcc	tgaacaaaac	ctatttgctt	ctatgtaaat	tttttcctca	tgggaacaagg	420
gngngaaaatg	aaaatattnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca	480
gaantgnacn	atgaatccta	aggaaccntc	tgccaacang	ttgaggtntg	ctgnnecgaaa	540
agaaagaana	aagaggcggn	aanntctcag	ggagaaanta	nnnccnntnc	ttttctatnt	600
tcagcanacc	ntggaggggt	gggcgagaa	caagaantgt	aaagggagga	tcagaaaatg	660
gggaatnctt	nggcagctgt	nngaanaatga	tgangaagaa	nctcnnnant	ctcagttnc	720
cntnngnttc	cctatnaact	nttgataaaa	atnngggntt	nggccaccaa	aannacnnnt	780
gcncncaaca	gcttcattgg	nccnaatnn	tccaaccnct	gatcggnnna	cnntcaaaaag	840
gctannggan	ccgtnnctgn	tanaantngn	aaacnangcc	caccccc		887

<210> 4944
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1201)
 <223> n = A,T,C or G

<400> 4944

nccccacnn	cnncnnacac	nnanacnacn	cacacanann	necnancnnn	nnnncnancn	60
aaccnanaat	ananaccncn	cacnccnnan	ancanacann	nacnnncncc	anacnaanaa	120
aaaaanctnn	cannnnnana	nacaaaccnn	ganaganagg	ancncttttn	cnaanaaaan	180
acncgggnan	nnnncnggaa	angnannaca	cgagagngna	nactngtnaa	nagcccccctt	240
tgcnaaaaaac	nccttngggc	aaaancnccc	gcctcannac	cananagnnc	atngnnncn	300
ntacnacgcc	naancatccn	aatgcctca	gctannnnngn	gggangnggg	gaaccccaca	360
acanaacnan	anannacncc	nacctaen	acnacannna	acnngaccat	cactccaacc	420
aggacaacnn	caacaaacta	cnnanancg	acnaanatct	nancacanc	ctctancaac	480
cannacacca	acaccaacnc	ctncatcnac	anccacaaa	aggcacnaca	cncanaccc	540
catcaccatc	acanccaaaa	aaaatnnnng	ctcncaccac	nccacaacnn	ncagtnacat	600
cancggaaac	cangattaca	nnanngannn	caaacancca	tcgcnncnc	ntacaacagc	660
gmnaannaca	tccaaaccnn	gaanccaaaa	ncgacaacat	nttatnccca	acaanagggc	720
aacangaaca	accccnegcn	angnganaa	atanacngaa	aaangcnata	ntccnatcac	780
ccaannncan	aaacacntnc	tnncccnng	nacannncca	taaaacacat	agccctnaaa	840
aacaacnnnc	naaaacccag	acnnnancn	caaaaccaa	anatctcgcn	anaaaacteta	900
ananatcnaa	ccaannanac	taanacnct	canaaaanag	cctcnacgga	ggaaaaaaan	960
aacacctann	acaaaacanc	accacnttg	annacaaaa	anctcnncn	aggnctcteta	1020
canttaaaaa	accccnnnac	tncacacn	cccacanaca	canacncgca	acctcanntn	1080
tcaaantaaa	atcnacacan	acnanccact	anccnnncaa	nacnantngg	angcaaancc	1140
cnaaacccnn	tnntctnann	mngnccccn	aacctcnca	naaatnccaa	nacaancanc	1200
c						1201

<210> 4945

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4945

cnttttnttt	tcttttcaac	angctcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcggtg	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	cccgcctcag	tgcccgcctg	420
agccctcaga	gtccccctgt	gcttttctgg	atggggactg	gcggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggccac	gcagtattcc	tcgtgccctg	540
tggttagtgc	ttctgtataa	gggacagaca	gaactgggtt	ttttttcctc	tgccctgggtt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccaganctt	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4946

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4946

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cnttttnttt tcttttcaac angtctcttgn tctttttgca ggatcccatc gattcgaatt      60
cggcacgagc ccagatgggg gtgtttttca ggtctctcac aaatgagaca agcgaaacaa      120
ttgtctcctt ttattctctt tgggtgcattg gtgctgggga aacatgaact agcggcagtg      180
taactgcaga acatagaccc agttctacca ggccaggcca gcaactggaa cgcgcagaca      240
gggctgcttt gggcttttgc tacagtattt ccatgtgtag cctggcgtgt gagaaagtat      300
taggtgaaat gccagtttca tggttcaggt gaaagtctgt gatcattccc ctctggctc      360
gtccttcaca tcacttttgc ctttcaagga gttgcgcgt ccccgctcag tgcccgctg      420
agccctcaga gctccctgt gcttttctgg atggggactg gcggggtcac ctagcctcac      480
cgtggagcca ccgtgcaatg cccatctctg agaggccac gcagtattcc tctgtccctg      540
tgtagtgcn ttctgtataa gggacagaca gaactgggtt ttttttctc tgctgggtt      600
tagagttaa tgtaactaac ttttattttt cccctttatg aaagatagaa aattattttt      660
atggtagttt tccagantt tatacaaaaa ttttttgta aaaatgttct ctgggaaaag      720
ttaactncna cgaatgtaaa atattgcctt ctaattaaaa taaccannn      769

```

<210> 4947

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4947

```

ntttcaaacc gcttggctac ttgttctttc tgcaggatcc catgcgattc gctactgagc      60
ctggcttgca actgggggtga gctccacctt gaacgtcgat cctcctgcct ggtggagcca      120
tcccagctga tgccacatga agcagacaca agctgtccct actaagctct gctcaagttg      180
gatattcatg agtgaaataa atgactgtta ctaagtnaaa aananaaaaa aaaaactcga      240
gcctctagaa ctatagttag tctgtattac tagatccaga catgataaga tacattgatg      300
agtttggaca aaccacaact agaatgcagt gaaaaaaaaatg ctttatttgt gaaatttgng      360
atgctattgc tttatttgta accattataa gctgcaataa acaagttaac aacaacaatt      420
gcattcattt tatgtttcan gtccaggggg aggtgtggga ggttttttta ttccgcccgc      480
cngcgccaat gcattgggccc cggtaaccag cttttgttcc ctttagtgag ggtaattgca      540
gcgcttgccg taatcatggt catagctgtt tcctgtgtga aattgggtat cgctcacaat      600
tncacacaac atacgancgc ggagcataaa gtgtaaagcc tgggggtgcct aatgagtgag      660
ctaactcaca ttaattgcgt tgcgcttact gncgcgtttt cantcgggaa acctgtngtg      720
ccanctgcat taatgaan

```

<210> 4948

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4948

```

gncnncnctt ttgnaaancc cttttttnnnn aagnnccttn cncctttgcn aancgcttgg      60
gcaactcgca ntctctcnan acagcaaggn ctgtggcgaa tncggcacgn agccgcnnn      120
tctncanncn ntgtcaggnn nnagnctgan gctancnct ncnnantgcy nncnnngaann      180

```

```

cccanngac agcnnccnng cangcacgct nccncacnng acacaanctt taactaactg      240
cccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta      300
accactagac natccatctg tatcacnngg ttnagccatc tttacngatn taagntccac      360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagnctngaa cacaactggg      420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt      480
aaacntgcan gctcatcgtc aaagaatnat ccanatncct ggacactggc nggacacnnn      540
catgtcnatc natgaacaac ctanaggcnt tgcctangaa ncgctgccta ccactnnnna      600
tgatangccg aacannaata tctantnccn tcnnnctata nnnntcnaag nantaaagna      660
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna      720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct      780
aaaanntccc nnnnc

```

<210> 4949

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4949

```

ttntttttt tggttaccct ttgctctngg nctttttgca ggatccctcg attcgaattc      60
ggcacgagcc ttccacggtt atttcacaga tatggagagc tggaagcagg gagtgagtct      120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggg gaagtccatc      180
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcttggg      240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt      300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagaggggact      360
tttgggtgaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg      420
aacagtgggtt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag      480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga      540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa      600
ntncnnnnnn nccnccacc nancntncna aaaaaancct cganccttta aaaacnnntn      660
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa      720
ntttngggcc aaacccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatttt      780
gnnt

```

<210> 4950

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 4950

```

gttcttttgc aggatccctc gattcgaatt cggcacgagg ttatattaaa ttattctttg      60
ttttctttt tcttttaata aagcctgcaa gttactaaat tgtagtttca taaattctgt      120
agtaaagtat catcttggca gtgtgcaaaa ggtgaaaatg atgctttctc taacagagaa      180
attcttagtg actccagtcg tagaaaaacg tctttacaac ctgaataaga ttgaagaatt      240
gtgaacatac catggcctat tggatgaatc atttgccgta ggctaaatca gactgtaggg      300
tttgtgatgg atttatggag tatgtgggta tagaaatcat gaatctagca tttgttttca      360
gagattcaag catagtnta agggtagatc agaaatgaca aatgaattca aaacctagca      420

```

```

ggtgcattgt aaatgtgtgc ccagttatgt tttggaaatg gcagttcctt ggggtcatgt      480
ntctactggc caaatTTTgca atagtgttct atngnatgta atttctaaaa tttattagga      540
ttatccnctg tggccaagta aactgtctgc caatagaatt ctgggaattg tgagaaattg      600
tatcattgaa gttcagntnn gatgngtggc ttaaaaaatt tatcnnggac ccccanacan      660
ggaaacnana antatttngn tcctgcangg ttcattgcc a gggcannga aggtatttcc      720
cagaaaaata cctcnnn                                     737

```

<210> 4951

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4951

```

ttgnanccnt ttgaaaccct ttttanantt ctancataca agctacttgt nctttttgca      60
ggatcccatc gattcgaatt cggcacgagg gcnactntgn agaattcgta cngatganga      120
ctgcanaaatg aagacctact ttcaacttnc ttttgncccc ctctagnaga atcaaatnga      180
atcttttact tacctctgtg caaaaanaag aaaaatgaaa nangtncatn tattcattct      240
gttnctatat agcaaaactg aatgtcaaaa gtncntttctg tccacacaca caaaatctgc      300
atgtattggg tgggtggcct gtcccctana gatcaagctn cacatcagtt ttacnatata      360
aatacttgct ctaccttaat gatgaggact ccttaaagnc ncatttgcta ntgatnaata      420
cactgctnng gctggccagt tttnnatgcn tgcagcttga cnantgagca cactcaggcc      480
tttgtnttaa aaatgaaaaa tgaaaaaacn aattcaaaac ctattcaa at ggnttctagn      540
caatttgttt agtataaatt gncatagctg gtttgcttga aaacaaacac atttaaaatn      600
ggtttacctc aggatgacgt gcagaaaaat ggggtgaagga taaaccggtg agacgtggnc      660
ccactggtag gatggacctt tgagcttctg gtgctccgnc catggngacn atgacacacc      720
ctggnggcat gccctgtat gtgngttaac gntgtctgca ttgtctaaan tgaacangtg      780
ttagc                                     785

```

<210> 4952

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4952

```

gggggggngn ngegnngntn gggggggggg gttnttcnnn nnnntggng acaccccttt      60
ttttnggggg ganaaaaacc cnngngaggg ngegnngggg ggctngnggg gannnetggg      120
nnngnggggg ngggggggcn ggnntggagn ngngngggng cncngngngg ggcgnngnnc      180
ngngngggng gggngggggg nntttttttt tngggnnng ngaggggggg ancnaaggcg      240
nnnggggggg ggggggggnt ggngttgcnn gggngggagg gggnggggag gnngaagggg      300
aggnggcggg gannggcggg cagnggagg gggncgnggg nggggtggcg gngngnggcg      360
ggngngnggn gccgnnttnn gggnggcgcg gcgncctngg cgccggcggg gangngcgcg      420
gncgtgngag ggnagacggg agncngggca nngagctggn gtcngngngcn gggcgggggcg      480
nagngagnag gctcnatngg gggngggcg gnggtgnggn ggggncnncg agngggggga      540
nnaggcgtn ggcnggntcg nngnggcggg ggcganccgg gagntngng ngggggccag      600
gngngggngg gggngcgggn gggngnatc gcnnngcngt gacggngtgn ncgngnccgg      660
cngggcgcg gngancncg gaggaacgnc gcangggggg cagtggtnng gngccgangt      720

```

```

cngtgtngng cgagnggngn gagagggagn gnnngntgggt ggggncgagg ggatggccga      780
ngtctcngng gggggagngn gnggngnngn nngagggcgn tngnntggct nngggggccc      840
aggngcnggc nnnngcnggn agggngnnnn ggggagggcg gcntgggntg gccaganagn      900
gnnctggggg ggntagagng cggngngggg gnnnntgnng agacgggcnag agcggggcggg      960
nggcggggcg gngngngcgt gnnagagcgn gcgggngcgn gtgngmccng gcggnncngn    1020
gcagaggngg gacacagcnn cggagngngg tgnatgnnga gangagngng nnnngtggcg      1080
nacggttagc gggcngcngg gagagngagg tgnctgtggg ggagcnnctg cnggctagag      1140
aggcngcggc gnnngatag gngggngnga gcntgngngg ganncgatc tagggagcgc      1200
gagtgggngg nggtngacgn gaggggngng tgntnggaga gngggngagc cngngcngcn      1260
tgtagagagn cagnggcgtg ccgngtgggc anagggcgng tgcnnngta ganatggntg      1320
nngcncctgc gcgngcgagg cnntagngng ngtgngnggg gangagcngg tgtggggcng      1380
cgcnngggg ggcggcngag tgacgntnng cgcgatngnn nggcnccgn ngcgngcga      1440
gangngang gngngcnnn cgcngggaga nngnnaggna cagggcgagg gangcgangn      1500
gntgtgtgnn agngcggnn ggt                                           1523

```

<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4953

```

gacttcnctt tcnaaananc tnggaagctn antnncctaa ananaaggct ntgggcgaga      60
gttctggatg agacttggtg tgggtccattc tgggacaaaa ttctctctctc tctctctctg    120
cggacccgtg aaatctagaa aataagttat ttgcttctaa aatacagtga tgggacagac      180
ataggataga cattcccatt tcaaaagtga gaaattgggc caggtgcagt ggctcacacc      240
tgtaacccca gcacctgtaa tcttagctcc ccaggcggct gaggcaggag gattgcttga      300
gcctgggaga tcaaggttgt agtgagccat gattgcgcca cctttattgg gaaactttta      360
ttccagttac caataacaca ttctcattt nctccagaga cctcaccaga aacaccttta      420
atattcatat ttctagcagc cttctgttca taacaatata tgcacctgt taagatgata      480
ggagatttct cttgcacctc tctcttttgn gagcctgcan gggacattcc cttttaatgt      540
ccatatttct accagcagtt ctcttnaaag caagtctaag gtntttccta acattacacc      600
tnaaaattct tgcanntntt nnccaagcac agtgccctac atctggtaat tcttaacact      660
ttganaaggc cnaacatgga acaggaatgc ttgagctcaa ngagttcaag accagcncgg      720
gcaanattat ggaacctnc cttttcnaaa aattncnt                                           758

```

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4954

```

tgagncnttn nanccttttg aaatttttan acagctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggttgctctt ccatgcgttg gtcagggggc cctgaaaaca      120
ctggtaatat taagagtctt tctcagggtg acttaatgtt ttcttaatga acaatgtttc      180
cagctacaaa ttctttcaat aaattgtctt cttttttgaa agtactctc atagaagaaa      240
tttagcaatt tctcgttgac tgactcagtc tattttaagt attcagaaaa gattttgatc      300

```

```

cccattgagt taatgctctg ccttgaaaat tatttttctg atccttggtta gtgataacat      360
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta      420
atgtattctg taaaaaagta ttcataattgg caatttttagt taggcataat attgtgggtg      480
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta      540
agaggtaatt cacttcttat tcctttccaa taattattac attctaaatt ttcattctatg      600
agaaataaca aacaagaagg gaatagaatt aaattggggg ataactctaat cttcattggg      660
taaattgggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaaataat      720
gccttcaccc attttctacc tggtgacttg aaaaatggac cttttaagtt aggaagaagt      780
t                                                                                   781

```

<210> 4955

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(939)

<223> n = A,T,C or G

<400> 4955

```

gnnnttctaa ttctctaaat ggctgggcta cttgttcttt ttgcagggtat cccatcgatt      60
cgaattcggc acgagtgaag aggaaaaagt tcaaaaaata aattacattt tataaataag      120
gcaagggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg      180
tcattcnttc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang      240
nntccaccta ctgtcctgnt tnangnnggg atgctncata aagaggatna cnnttaancc      300
actaacagtt atgectntna tcttgaatct gttcctacta gttttcgtnt ncctgggcnt      360
gttactttat gtttcttnc ntcannntac ctttaatatg anaatannta tnattntttt      420
accatgggtcc cttacttnan ngatannttt ntnatnnttg catngnnata nnancntnnn      480
gtntcttcnn cantntaaat tcttaannnt nntcnttatt cnntnttctnt ntntntttnn      540
tnattnnnnn ntntntacnc ttannntccn cnacatcanc caatttttnt nntnnnttnt      600
tncannanaa ttnnnntntt tnatanatnt tnnntnactt ntgnnanatn gggntnatnt      660
tncntnnchna antgggttnnn nnnntttttt ncnchnnnann naacntcntt tnatcnnttc      720
tnnnatnnnc nattnattan tctntnnctn ttnntatcna cncaattncn ntatntnat      780
ctntatannt tnnmaatnnn tnanantacn tntannntnt tctntnntnt tntanaatcc      840
nnaatntatc ttntntttnnn nntctaaaan agctnttnc ntttnnaatc ncttntntnt      900
nnattntntt ttantctnta cnanactttt nttacttctn                                     939

```

<210> 4956

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4956

```

ttganccttt atacagctnt tgatttgana cctttanaca gctacttggt ctttttgcag      60
gacccatcga ttcgaattcg gcacgaggga acatctttac caccaacgtt ttacctctgc      120
ttcaacaatt tggccttgtc aaagacacct gctcatatgt aaatgtggaa gatgtctcag      180
gagccatata acatctgtcc cttggggaga tcccagctat ggcacagccg tttgtatcct      240
cggaagaacg gaaggaacga tgggaacagg gccaggctga ttatatggga gcagattcct      300
ttgacaacat caagaggaaa cttgacactt acctccagta gaaacactgc atttttctgt      360
gaacacatcc acttcacaag ccttggttct gatacttagt atctagagct ggggttgagaa      420

```

aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagttgt	gaagcagcaa	ttctgttata	tggacagtgt	540
tctgcttttt	aatcctat	agcttgtttc	agaaattctc	acttttggtg	actgccaca	600
tacaaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctgggttca	aaatcagtca	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720
ttgttggttg	tgtcctttca	cgagacctga	attttagaat	tgcccagtgc	tgccagagtg	780

<210> 4957

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1210)

<223> n = A,T,C or G

<400> 4957

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggacn	agtatgnatg	60
catnccctcc	ctgtgcgatg	agnntgncan	gannnacagc	acatgggctn	taggacnttn	120
angtgcnnaa	nctnnncgan	tgnnncngca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtn	ncgacatgna	gtgcatcang	agtganngag	cccctngcnt	gaatgtatnt	240
cgtcntcaat	acnntntatc	gcnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tcngtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagecgttn	tnnntgggga	aaantnccan	420
ncctnggnga	caagantngg	atttttaacc	caattggggg	aaaccgcct	tgggncact	480
ttgnggggtt	nnccccaaaa	ttttcccncc	cttggganta	aaaanncntn	ttttcaagg	540
gagcgggcct	tcancanatt	ncngttaa	ggngntttct	gattcaaagn	ccntgnccgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcnttnggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaaanaa	aacctnggga	aantcccntt	tnntaattaa	ncacctggg	780
gacgtccana	ttggggggng	acatttgcnc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaant	tnnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgtcaa	ttgaaaatcc	aaaaattann	tggcccctgn	nagacngggn	960
ntcaaataag	ccgcttnntg	gtacttcncc	tacaacaatc	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaanngg	attttaaacc	cggaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnntcc	attaaaccgc	cnnntgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcantagtg	acccggnnng	gttncaannc	1200
ttcntntgcc						1210

<210> 4958

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (837)

<223> n = A,T,C or G

<400> 4958

tttttttttac	ttaacatntn	ngcctactcg	gnnctttttg	cagggatccc	atcgcnttcc	60
gaanntcngn	gccgaggggtg	tggnctccaag	ttntncatga	ntagcaacna	ganggtgtng	120
anatnantgt	gtaaggctgn	gaattcttgc	tnaggaatc	gnagaanacc	tgntgctgca	180
aaatcntaca	tggtccacat	gganagggaa	gnctaancgc	tattcanaac	anttcnnttt	240
tgtatttaaat	taancnattg	cagctatctg	ggattttcgg	gncagaatat	taanttcctg	300

```

gntgattctn catattccaa tgnatnaaat ncanaaccat tgngncttta agatngtgtc      360
aatnttcacc taacaactng tgccnnaagc acctgcattg gtaatnatat ttcncttaaa      420
gggcaaattc tgncantntc ctgntaactc aaaagtgcac tnttcnctt caaaaatggt      480
gntctcagtn atcncacatn ctgcaganat ntatttataat ctatacntat anctnnntga      540
aatacnntta ctcacnaaat ntattnctga tnaacattcc catgttaaata ctnangcccc      600
aaacctttct aaattntggc ccttnanncc nttaatattn taaaaaaatc taaaattctg      660
nnntttcaaa tttgnnctnt aagcnttntt aanaaatntt cncnacntt gcctttccaa      720
tacctncccc cttggnttaa cnaaatttnc tttnaatanc cntcaccttc ananactgga      780
ttctctttca aattnnntct ngcntcgaat cattantaac ttttgggnct ctncct      837

```

<210> 4959

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1302)

<223> n = A,T,C or G

<400> 4959

```

gnccggcgcc agtgcngtac ccanagcaga acgacccgta aaacccttg ggaangnccg      60
ggacgggncn cngnggccgn nccncacncg cncncnnnac acccctttt nccccattt      120
tancaccann atngncnnan cangggggng nannacngng naaaaccng gngagncccc      180
nnccgcnngg ganncanang ngcngnnaag naaccngng cnncaancan ccngngcgng      240
cccacanaca cnggccanaa gananacgca agcgnacgcy gncgaagncg ggngnacagn      300
aanaaaacnnn cngcacngcg naaaangccg cncaacanna gcnaagggng aacngacac      360
ngcngancn cncgncggan ncacngannn ncgcannanc gcacangagc gganaccacc      420
cagcnggcc naangcgga canacgncnc ggggnnnncn anccgngncc canangnnna      480
gacnnggna caccncca cccnangcc naganncan aannccnagn naccnagac      540
annacnnnnn gannccnnn cnanccgagg nacannncng nanngnngac cennnctnn      600
nnngccnana nannccnnac anccccca nccncccgag ngaaacncnn naangaccan      660
cncaanacga cncncgaca nnacacnngn gccancnaa nmcaacacna agnnnaccan      720
acngcncnc gnacnaaacn ncacgncgc ggagcccgaa ccaacgcacg acacgcgacg      780
accgancanc aagaangnga ccncacacgn agcgnccnnn cgcgcgnanc gccggacnca      840
nngacanncc gaanagannc gcggnangng cacgaancaa cggccannng nnganngagg      900
agcnacaacc ncnacggang cgangccgna nagangacgg accaagacnn gaanaccgnc      960
gagccnaac aaacggncga cggccgga ancncacnan cncngnnggn canncnngac      1020
ccngananca cacancgnc accacangnn ngnggaacac gacaangcca cgnacanaac      1080
gacgaagcan gaacanagnn gncgcaang nnancnagn nggaanacac acncgaaccg      1140
aacacanacg aagnaanacc aagagcanna gnagaagcnn acacagacac naaacngnaa      1200
ccggcccnna gnanccanc gcncnngcan cagngcaca naanncggn ncccacgcca      1260
aaacngcnac agnncgcaac gnangncncn acgccanacg cc      1302

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<210> 4960

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4960

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aanaacgtaa ttnaacgcta gcgctctngn ngatccngna gntctntct tcttccaatg      60

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ccngaananc	tgcnnntggna	tgnngctaca	tgnatctagg	tggttganget	ttacncgna	120
gttgncngat	gacgcntggc	anangnccag	gntntnnnta	natecnaaca	ncatantgag	180
gnatnggatg	cctacnngca	gagncgacag	aactcacgct	ntaaaannag	gcgccacaca	240
cgggacgant	acgtanagaaa	naatncnntg	tgngtgtntt	tcctactcnc	ttactcacag	300
cncatcagaa	ggaagnngac	nacnagctng	aagcnggctt	nataccnnat	atcgncngct	360
acancctgng	ncaccactgc	catngcgatg	ctnnactnca	nctaattnta	ccatnnanga	420
tgentcatgn	acctgmncta	gcnccggan	netnttggng	gccccatnn	tagagaacgg	480
cttnnctcca	cactgtaatg	gtagnngattg	tggtatntcc	tctatcatgg	aaggganttg	540
aaacngntnc	netggagggg	nnggntgtng	actgcacttg	nagcattcgn	attcatgntg	600
anctcggaga	ttinactctgg	ngttccatca	actntgantn	caaacangat	gatcnnngat	660
taggncgntt	tccaatgttt	gngccaaatt	tgtaaanann	aacnacngga	ttincaantta	720
anttggnnaa	ncentnttaa	ccnttcgggc	tentgetcct	nncntngcc		769

<210> 4961

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4961

tnctttnttt	actttcgctc	ccgtttctttt	tgcnatccc	ncgattcgaa	ttcggcacga	60
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ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattcttttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc	300
atgaatactt	aagaaagggg	aagtaggaac	agggagcaga	gcaaagcata	acttgcctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	attttggnaa	aaacagtgtc	agatgtgtta	480
tggaattgtg	tatcacanaa	ttcttcncc	tgaaacttca	agttntatna	agacaaccaa	540
ntatatttgc	ctgnngaaat	tcttaaattt	cttgnncctt	atngggaaaag	gtnaacccaa	600
nacnntcang	naancccat	ccentttttt	tggcnttttg	aaacttgnen	accgggttng	660
gncanccccc	aatttttctt	aaaaatttaa	tggtaaaacc	ttttnanacc	cantatcant	720
nnnnnccatt	ancnaccen	ctncatntac	ccngccccn	tctncttnaa	tanaaacttc	780
tengntgecc	cttttttnaa	anaantcttt	tannnncgaa	ccccentctt	tttcccgctt	840
nnatatttnc	ncatcccttt	tgnanttcac	ntactcnnnt			880

<210> 4962

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4962

tnctttnttt	actttcgctc	ccgtttctttt	tgcnatccc	ncgattcgaa	ttcggcacga	60
gagaggggtg	gggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcattcttttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	agaatgaacc	300

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atgaatacttt aagaaaggga aagtaggaac agggagcaga gcaaagcata acttgctgtg      360
ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca      420
ngaacttttt tgtaaatgaa aaagttcaca attttggmaa aaacagtgtc agatgtgtta      480
tggaattgt tatcacanaa ttcttcncc tgaaacttca agttntatna agacaaccaa      540
ntatatgtgc ctgnngaaat tcttaaattt cttgnncett atngggaaaag gtnaacccaa      600
nacnntcang naancccatc cccntttttt tggcnttttg aaacttgncn acccggttng      660
gncanccccc aatttttctc aaaaatttaa tggtaaaacc ttttnanacc cantatcant      720
nnnnnccatt ancnaaccn ctncatntac cccngcccn tctncttnaa tanaaacttc      780
tcngntgccc ctttttnmaa anaantcttt tannnncgaa ccccntctt tttcccgct      840
nnatatncc ncatccctt tgnanttcac ntactcnnnt      880

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<210> 4963

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4963

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tttcgccatg ttggccaggc tgggtctcaa ctcttgacct cagggtgattc acccacctca      180
gcttcccaaa gtgttgggat tataggcgcg agccaccatg gctcagcctc atgttcgttt      240
ttaaaactta ggatggtggc tcttttacat tgattggtag gaactcttca tattacgagg      300
cagtttagcta gttgtctgtg aaataaaata ctaatgattg aactttctag gaagtaccta      360
ttctgctaata agtgtaaata tacacttatc cagggtcaga aataactcaag tttaccact      420
taaaagatct agaaaataca tgaacttggg cttacttgcc agttaaatt gnttatctca      480
gaattgtacc atcaccttaa ttaaagtaga tatgctagga ttatcctgat aactaattaa      540
catagccttt ccccttagt gttcttcacc tgaatgtagt anttgnactc ttcaagtcta      600
gcanaggcca ataaaaagt cagagtttnc naaacatcaa ancctnntcn ancncnnna      660
tannnnctc actcacatcn ncncatcccc acntacaaac ncacnnnnnc nncennntn      720
ctnccccntt acnctacct cncnttccn tcnnaantcc ctcncaecgc ncnnennt      778

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<210> 4964

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4964

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tctttttttg gaaccnttn tngctctttt tgcggaccca tcgattcgct ctggagtagc      60
tgggattaca ggcattgcacc accatgcctg gctaattttg tatttctagt agagacaggg      120
tttcgccatg ttggccaggc tgggtctcaa ctcttgacct cagggtgattc acccacctca      180
gcttcccaaa gtgttgggat tataggcgcg agccaccatg gctcagcctc atgttcgttt      240
ttaaaactta ggatggtggc tcttttacat tgattggtag gaactcttca tattacgagg      300
cagtttagcta gttgtctgtg aaataaaata ctaatgattg aactttctag gaagtaccta      360
ttctgctaata agtgtaaata tacacttatc cagggtcaga aataactcaag tttaccact      420
taaaagatct agaaaataca tgaacttggg cttacttgcc agttaaatt gnttatctca      480
gaattgtacc atcaccttaa ttaaagtaga tatgctagga ttatcctgat aactaattaa      540

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catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagttnc	naaacatcaa	ancctnntcn	ancnncnnna	660
tannnnctc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnccccntt	acnnctacct	cncnttccn	tcnnaantcc	ctccncacgc	ncnnncnt	778

<210> 4965

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4965

ttagntnaac	cctttgaaac	ccctttgaan	tntttaaac	ctttcnaccg	ctacttgntc	60
ttgatecnag	nnncctcaa	ttccgccttt	gttccctctt	tccatgccgt	ttnttccngg	120
ggcccnngan	aacactggtn	atattaacag	tctttctnag	ggtaacttaa	tgttttctta	180
atgaacanat	gttccagcta	ccaaattctt	atcaanaaat	cggcttcctt	tntgaaaagt	240
actctcatag	aagaaattta	gcaatttctc	gtgactgact	caanctatnt	taagtatnca	300
naaaagattt	tgatcccat	tgagttaatg	ctctgccttg	aaaattantt	ttctgatcct	360
tgntagtgat	aacatttttt	ttctactgaa	ggtcagagga	tnggaaacaa	gtattcctct	420
nctggtatac	atgtaatgta	ttctgtaaaa	aagtattcat	atnggcaatt	ttagttangc	480
ataatattgt	ggttgtaatt	tttnaaactt	tagtggtttt	gncctgatta	aagccancgc	540
ttgatcaggg	tatctcctaa	agaggggnat	tccacctttn	tattcctttc	caatgaatta	600
tnacattcta	aattttcatc	tntggagaaa	nnnacaacca	agnangggga	atnggaatta	660
aaattggggg	tataaatcna	nncttccatt	gnttnaaatt	ggntgccctt	cncaccantt	720
gaagcccat	tttttatagc	ctcagaaagg	agggaaataa	atgccnccca	cctttttntt	780
cctggtagac	ttngaaaaat	tnaccnttta	agttangaac	aaagtct		827

<210> 4966

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4966

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ccccnnga	tcggcacgag	ggtgtgcggc	tgtaattttt	gctattcggg	aggctgaggc	120
aggagaatca	cttgaaccca	ggagacgaac	gttgacgtga	cccagatcgc	taccactgca	180
ctccatcctg	agtgcagag	cgaaactcca	tcttggggga	ggaaaaaaaa	gaaagtaata	240
gggangnaaa	tcagaanttg	tgtgggantc	cccctatntc	tggctcttgn	tannatactn	300
nacctgtcag	gcnatnctga	gagcgaangc	tnctgcntag	ggctagtttc	cattcagant	360
ggtttttgat	aggcatgaac	tagtctaact	caaagcatac	ttctgtgtaa	gctagcatag	420
ctcctntact	tggcttcata	ncnttgga	ttaatcgaga	aaagtgaata	aggagggttt	480
ggncctgcct	tgaatagcat	ttgattntta	atcctacatt	ntatcagagc	cccagcnttt	540
naaatgttta	atagccntat	gtgctgtttt	gccacgctta	cnaagttngt	acttctgtga	600
atgaaaaagt	gtgactggac	tnacataaac	tggnattgac	tnmcagtcac	cagtntatnt	660
ccatnttcaa	ggnaaaaccc	aangactggg	ttntcctctn	ttttcttttg	aanatganng	720
cnmctaaaaa	tcaantaatt	ggggctgggg	tgtggaagcc	caccttgtga	aantcttatg	780
ctttt						785

<210> 4967
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (975)
 <223> n = A,T,C or G

<400> 4967

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anatntnnac	tnnaaanaat	tnctaatagat	taangggggg	tctaatagett	ggaaactccc	120
ncgantaana	ggttngtcgg	cngctctggc	tgcccgccgg	ttnagcagca	tggnctctnc	180
aggggcacag	tanngcgctt	cccganttac	cggagcgnaa	ctgccaggta	ccgcnaagtc	240
nnctctggna	tcagcgctac	caaggcgctc	ncgantctgc	caagctacct	tagganccgg	300
gactnatect	acttccgtgc	cctactagag	ccggagntnc	ngnccgagga	ccgnatcctt	360
gtntctangnt	gcngaacan	ngcncgtgat	tactaatctg	ttccntanga	cgctnccnta	420
atgnnaccag	tgngactac	tcactnatac	nnngnagctt	gatangcng	ctnacnatgc	480
ccatgtgccc	nnatectcnc	tnngaaaacn	ngaagtgtgc	gcgaangctg	ngacntttcn	540
ccaaagcttt	gtttttgaan	tnggttnttc	gaaaaaanng	ncncnacttg	ggaatncccc	600
tnaatngca	tggggggaaa	ctaaagnttc	cccttggnaa	ccccatnnta	nccctttnta	660
aaaaggggat	ttaaccccaa	ctttgggggc	aacccccaaa	ntnttttgta	aacntntaat	720
nttcggaagc	ccctgggaan	nantttgngn	aancctntag	nnaaggggcc	cnggnanttc	780
ttntctntn	naacangan	nttttttann	gccnngaccn	ncctcgannn	ttttaaaggg	840
gcccnnanan	ccnttnttgg	cccnaaaacc	cttttagngg	ttnaggancc	ttgaggaatg	900
ccccctttt	ggnaatgngg	atttccactt	ncnratgngt	aaccnnaa	naaaangngg	960
gaaaagctaa	aancc					975

<210> 4968
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1150)
 <223> n = A,T,C or G

<400> 4968

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ngngntggcg	aanttcggca	cgagtngaa	gcatacacat	atccttagaa	tagtntnact	120
tnggctatna	accctngcc	ggctgnggct	ccccantgt	gtnantctgn	natgtgctat	180
acccaacctt	gagcangggc	gccatgcctg	gctaataann	ngtnattact	ttntcanca	240
gatgggggtc	tcactntgnt	gnccangctt	gngtctagaa	ctcctgggct	ncaanttgat	300
actcctgect	gagcctccca	aagtgcctgg	gattatagac	atgagcaa	tgtacttggg	360
ctcaaatttc	ttgnttnaaa	ttgggctttt	ttgtcagaag	naatgngcnc	ncctttgaat	420
tatnatTTTT	atcttgttct	cattgtatta	cttngnacc	ctattcnac	natangannt	480
tctatnttta	ttcaatgaaa	gcngcctgg	ggaatttatt	tgnaccttng	tanccacntn	540
cngnggcctn	tgnggnnttc	taaatacnn	tngtccgctc	tacntnnaat	ntcggggggc	600
nccttatact	cnggtncacn	nnatngnaaa	aatnggttgt	cctntaactt	tcttnncaaa	660
atntgeggca	gatntntntt	gnggnntant	ttnnanagn	ctnttngtna	ntntnctntt	720
tgngncaan	tttatnact	ntngaaana	ccccctntt	atcnntataa	ccaatttcgg	780
naanatnngt	canatatnt	acattatcct	ctaattntn	ccccaatang	ntnanttact	840
ctncaaatnn	nnctantatt	cgngnntcta	tncnanaatt	ntctananan	ttctntncca	900
ntttctgnga	ntntttctgn	aannnttc	ncgtgcggan	tannctatgn	ggacntaaat	960

ntttntance	cccgganntt	nttncntaaa	aaangataa	gnctttttcc	acanactcca	1020
acaaantcct	ngtggannac	ttaaantnnn	tcatcncct	cnggnaacat	gtctnctntc	1080
ttnanagtac	ncatnttgga	tcnatntana	aaggnaaatn	ntgatnnggn	gctctntcta	1140
cttatcance						1150

<210> 4969

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4969

gnntttctaa	ngcnngetnt	cttctgcngc	tcenncnatc	cgtgnntaca	cancacgncg	60
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natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttaacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatncnan	ncanagtntc	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aaatgttacc	agnggncaat	tttgttggcc	ccatggtggg	gaatccaang	gc	772

<210> 4970

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4970

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gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattccta		710

<210> 4971

<211> 710

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4971

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ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4972
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4972

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ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttcctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4973
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4973

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tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncttggtg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4974

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4974

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gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncttggtg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4975

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4975

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gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300

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agaaaagctg cnagatttca gagttttcca angtgtaaac aactaaattt tgtgatccaa      360
atgataaggg ccatctaata ngctggggaa tgtgggatct gncntggctg anntgntgga      420
ttaactgaga ttaacanagc tggangaaat gtaaaaagaa aggcacgatt gntcatttng      480
tcttttgttt gttctgngga accagggtcn aaatttccat tctgcatnan gtncgntnag      540
tcnttttcaa aacattctta cttangcaag tctgtcnct gaatcttnga aagaaaggca      600
ccntnnctaa tatTTTTgag ttccctactg nttaatcttc cccaattaaa acctcacgtt      660
ctcnaggttn ccacacaacat ggcccttacg gaangctngc ttgtcncaac ccaaaactct      720
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<210> 4976

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4976

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cntttctttt tnaaacntt tgcctactcg ctenttttgc aggnctccat cgattcgctg      60
gttttgattg gtcagattct tttttacta gcggcggttt ttcttttatg tcttgttata      120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa      180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgtaacggt cacngagctg      240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgctcgctc ctctcagggc      300
cccggtgtca ccgaggagat cgccacctcc atcgaaccca tccgcgactt cctggccatc      360
gttttcttcg cctccatagt ttctctggcg gcgctgggtcc tgtctctcat tctgcgagg      420
agcagccngt acatnaagtg gatcgctctc gcngggcttg ccaggtcan cgagttttcc      480
tttgctcctg ggagccnggc gcgaagagcn ggcntcatcc tctcnggagg tgtacctnc      540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgcgtg nnaaaagctn      600
cnaatccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggcttcnna      660
gatgattgga ccntggaaa ngggaacctc ttcnngnga actnaancgc nttaaaatng      720
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<210> 4977

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4977

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cntttctttt tnaaacntt tgcctactcg ctenttttgc aggnctccat cgattcgctg      60
gttttgattg gtcagattct tttttacta gcggcggttt ttcttttatg tcttgttata      120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa      180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgtaacggt cacngagctg      240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgctcgctc ctctcagggc      300
cccggtgtca ccgaggagat cgccacctcc atcgaaccca tccgcgactt cctggccatc      360
gttttcttcg cctccatagt ttctctggcg gcgctgggtcc tgtctctcat tctgcgagg      420
agcagccngt acatnaagtg gatcgctctc gcngggcttg ccaggtcan cgagttttcc      480
tttgctcctg ggagccnggc gcgaagagcn ggcntcatcc tctcnggagg tgtacctnc      540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgcgtg nnaaaagctn      600
cnaatccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggcttcnna      660

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gatgattgga cccntggaaa ngggaacctc ttcnnggnga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggaacc nncnccccnc n 761

<210> 4978

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4978

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gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggt cacngagctg 240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgctcgtctc ctctcagggc 300
cccgtggtca ccgaggagat cgccacctcc atcgaaccca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggtcc tgtctctcat tctgccgagg 420
agcagcngt acatnaagt gatcgtctct gcngggcttg cccaggtcan cgagttttcc 480
tttgtcctgn ggagccnggc gcgaagagcn ggctcctcc tctcnggagg tgtacctnc 540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn 600
cnaatcccga agtgtgtgcc cngacccgaa gaancngtc cancctttga tggcttcnna 660
gatgattgga cccntggaaa ngggaacctc ttcnnggnga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggaacc nncnccccnc n 761

<210> 4979

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4979

ntcnttttgt ttttcaancn attngcctac ttgttctttt tgcaggatcc catcgattcg 60
ctggttttga ttggctcagat tcttttttca ctageggcgg tttttctttt atgtcttggt 120
ataaagaagt atctcattgg accctattat cggaagctgc acatggaaag caaggggaac 180
aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggteacggag 240
ctgctggacg tctccatgga gctgggctgt ttectggctg gagecgtcgt ctectctcag 300
ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgca cttectggcc 360
atcgttttct tgcctccat agtttctcct ggcggecgtg gtectgtctc tcattctgce 420
gaggagcagc cagtacatca agnggatcgt ctctgcgggg gcttgcccag gtcagcgagt 480
nttncctttg ccttggggag ccgggcgccc aantagcggg cgtcatctct cnggaagggtg 540
taccctcct atacctgagn ngtgaccnc gcctnaagcc cttcttgcct cgtccccccg 600
tncctttcgn aananncttn ncnatccnc aagggttgtn nttgcccccc aanaaccccg 660
gnancanaan ccgggtncce ancccnttc ttnaannggc ctttcgggcn anattcnaan 720
tggggccccc ctcnngnaaa ngggnaaaan nccttcttnt nnggnggaaa tattgaaacc 780
nccttnaaaa natgggnccc nncnacctc gctccctttt tntggggcaa aacctnnngc 840
caccntncg 850

<210> 4980

<211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4980

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ttttnggggg	ganaaaaacc	cnnggngagg	ngcgngnggg	ggctngnggg	gannnctggn	120
rngngngggg	ngggggggcn	ggmntggagn	ngngngngng	cncgngngng	ggcgngngnc	180
gnggngggng	gggnggggt	nntttttttt	tngggncng	ngaggggggg	ancnaggcgg	240
rngggggggg	ggggggggnt	ggngttgcnn	gggngggagg	gggnggggag	gnngaagggg	300
aggngggcgg	gannggcggg	cagnggaggg	gggncgnggg	ngggtggcgn	ggnggngggc	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncngggg	cgccggcggg	gangngcgcg	420
gncgtgngag	ggnagacggg	agncgnggca	nnagactggn	gtcnggmgn	ggcgggggcg	480
nagngagnag	gctcnatngg	gggngggcgg	ggngtgnggn	gggngcncng	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	gggngcgggn	gggnggnatc	gcnnngcgnt	gacggngtgn	ncgggncggg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggn	cagtggtngn	gngccgangt	720
cngtgtngng	cgagngnggn	gagagggagn	gnngntgggt	gggngcgagg	ggatggccga	780
gngtcngnng	gggggaggng	gnggngngng	nnagggcggn	tngntgggt	nnggggggccc	840
aggngcnggc	nnngcgnggn	aggggngnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cgngngnggg	gnnnntgngg	agacgggcng	agcggggcgg	960
nggcggggcg	gngngngcgt	gnnagagcgn	gcgggngcgn	gtgngnccng	gcgngcngnn	1020
gcagaggngg	gacacagcnn	cggagngngg	tgnatgngga	gangagngng	nnnngtgggc	1080
nacggttagc	gggcngcgng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gnggggngga	gcntgngngg	gannccgatc	tagggagcgc	1200
gagtggnggg	nggtngacgn	gagggggngg	tgntnggaga	gngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
nngcncgtcg	gcgngcgagg	cnntaggnng	ngtgngnggg	gangagcgng	tgtgggcgng	1380
cgcnnggggg	ggcggcngag	tgacgntnng	cgcatngnn	nggccnccgn	ngcgngcgca	1440
gangngangg	gngnngcnnn	cgcnnggaga	nnngnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4981
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4981

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gttatgtttt	ttttggcaca	tactagaaaag	gcagtgcctc	agcccttccc	tgaatccatg	180
gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctggttgct	tgaactgaca	240
gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	agcttgctta	300
gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	caatgttaaa	360
tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	420
gcctgtgaaa	tggctagtgt	atcatttttc	cacaaagaat	taggtgttaa	gagttttcct	480

tcaggcttta	cttaggagaa	tggaactaagc	tgaagggtgta	cttcaccagc	aagagtcaac	540
tctagaattc	aggatgttcc	ttctattggn	ttcttagcca	tctgtcagga	aatgtaaaact	600
ttggttttat	tttttggctt	atnccaaagg	ggtaaancn	gaanatagaa	aatggataat	660
tttctnattn	aatagcngaa	ncctttttca	atctccaaat	atataanggn	gccnctctn	720
ttnaaaagct	ctaagcctaa	agtcaagagc	taggant			757

<210> 4982

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4982

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ttcgctctcc	cgggcttaga	aggcccggct	actgacgcgc	agtgccagac	cttacccttc	120
acggncctta	agtctcggtc	gccctcgccct	cgcagcctgc	caccgcgct	cagctgcccg	180
cctcctcagc	cagccatgct	ggagcatctg	agctcgctgc	ccacgcagat	ggattacaag	240
ggccagaagc	tagctgaaca	gatgtttcan	ggaattatct	ttttttctgc	aatagttgga	300
tttatctacg	ggtacgtggc	tgaacagttc	gggtggactg	tctatatagt	tatggccgga	360
tttgcttttt	catgtttgct	gacacttcct	ccatggccca	tctatcgccg	gcctcctctc	420
aagtggttac	ctgttcaaga	atcaaagcac	anacnacaag	aaaccanggg	aaagaaaaat	480
taagaggcat	gctaaaaata	attgagggtt	tcatgattca	gcacctgctt	ttgnttctgt	540
gagatgagct	aaatttgctt	tcatacccca	gataagagct	taaaaccac	ctaagtctct	600
tatggcacaa	ctgggggtata	gaatttaagt	tctctttata	cttcaattct	agcccaantt	660
gggttttgat	taatataagt	ngtttaaacc	ttntcttnat	aacttgctct	gaaatgggga	720
acaaaant						728

<210> 4983

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4983

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gcacgagcta	ggatgacatc	tggtgtattg	actgtggcca	gtcttaaagc	tagtttttgc	120
tatgtggaac	atgctgctct	aattcagatt	taaagagttt	cttctgttta	attcgaagct	180
cactgtgcct	cttgtttccg	agggaagaag	gactgattaa	gtcatctaaa	tggatgcaat	240
actgaattac	aggtcagaag	atactgaaga	ttactacaca	ttactgggat	gtgatgaact	300
atcttcgggt	gaacaaatcc	tggcagaatt	taaagtcaga	gctctggaat	gtcaccacga	360
caagcatcct	gaaaacccca	aagctgtgga	gacttttcag	aaactgcaga	aggcaaagga	420
gattctgacc	aatgaagaga	gtcgagcccg	ctatgaccac	tggcgaagga	gccagatgtc	480
gatgccattc	cagcagtggg	aagctttgaa	tgactcagtg	aagacggtgg	gtttctcgct	540
gggtgcgacg	tgaatttggt	aagctcanga	tgcccatgga	ttagactcat	gtagtactct	600
aaagagtcac	taggcgatag	ganggagaaa	ccaagaagtt	agcagaatct	ggatataatt	660
cantgtccgt	aaatcccatg	aagagaagct	catcagaatt	aaggcaatgg	aatttgtgcc	720
caaaaaaaaa	aaaaaaaaaa	actcggn				747

<210> 4984
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4984

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nncnannnnna	ggngaggag	nangannnnn	ancnntttna	ncccccnttt	ttnnctaaaa	120
aaagnaccct	tggggtttaa	ancnccccnt	tgnnccccnn	aacacgagaa	aaaagggggg	180
cnggggggng	gnnnnagnng	nnnnccnnn	nnncnncnng	nnccnaggn	cnggagcnaa	240
gaagnnaacn	ttttntanca	ngnnaanccn	atnncncnna	nagcancnc	gggggggaaan	300
cnggaagacc	ncncnnnggg	nnnaannana	nnancnana	nnngngagca	aacannngana	360
nnnannnggc	naagcnaac	ncnnannnnn	nncccagnca	cgnnncncnn	gnncnnnnann	420
nannaccnac	ancncnnng	acnnaagaan	nacgncaana	aacgnannna	cncnancnca	480
gnacnnagcn	nnanaacacc	canncanaac	caaaaanann	ncnatngcnn	nnnngnnann	540
ncnnnnncaa	nnnnncnnnn	ncegcnnnna	nancnnncan	ncagncacan	ncgcacancn	600
ancnccanna	gananngcc	aancnnaann	ncannaggnc	annnacntna	aggcanacan	660
acngnncagc	acncnnanac	gangccnnag	nganccacac	anncgannnn	cnnnnnnnac	720
gnaaananca	ngacngcnn	ncangcgnac	anaaganana	acnnacganc	cnannnaaac	780
ancagcnanc	annannannn	anngcnnncn	nnngannncn	ngnncgacan	acanananna	840
nnngngancc	cnnagacnan	ngacnaaaanc	annacganga	cangcnggca	ncnactcaan	900
nannagnacn	cccnanaacn	acncnnaccn	ncgngacac	naccaaanaa	naaacancac	960
nannaacnga	naanacnacc	ncegcnngn	ccganccnag	cncncnncag	ncnnaaccnn	1020
annaccannn	ncannncncc	cncgagccgn	ccngacanac	acncagaacc	nnnnnacaac	1080
aanacncnca	tcanamngn	cnnccacnan	ntncncacga	cnancgcana	cnncgacnna	1140
ncnnngnant	nnccgcgaca	gcgnanacnc	ntacnngnna	acnnncnnnc	gnccg	1195

<210> 4985
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4985

gcaatgtgct	ctngtctttt	tgcaggatcc	ctcgattcga	attcggcacg	aggccttttg	60
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gaagcatggg	ctgggggttc	tttgctgacc	agggtgtgtg	ctttgtccaa	gttactgacc	180
ttcccaaacc	tcatcaatgc	acataaaaag	agcacttgca	aacaatgaat	ctagacatgg	240
accttcacaa	agaaataact	caaaatggat	cccaggccta	aatgaaaaat	gaaaaactat	300
aaaactccta	gaagataaca	taaaagaaga	tctagatgac	ctaggggttg	gcaatgactt	360
tttagatcca	gcaccaaagg	caggatccag	gaaagaaata	attgataagc	tggacttcat	420
taaaacgaaa	acttctgctc	tgtgaaagat	gctgccaaaa	aatgaaaaga	caagccacag	480
actgggagaa	aataattttg	atggaaatat	ctgagaagag	aggcttggtt	tccaaaatat	540
acaaagaatt	tctaaaactc	aataatttga	aaataaaca	cccaatttaa	aaagtgggcc	600
aaagatctta	aatgacgcct	taccaaaagga	agatcccngg	atggcaaaat	aagcntatga	660
aaagatgctt	ccnggctggg	cacngtggct	nacgcccgtg	atnccancct	ttnggatgcc	720
aaggcaggca	gaten					735

<210> 4986
 <211> 1497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1497)
 <223> n = A,T,C or G

<400> 4986

cnttcnnntt	cntgaacctt	tttttccnat	tccccnntna	tctcncgtaa	tncccnncan	60
ganttnccnc	ngcatccna	cttantntcn	tntgngngcn	cagaagntnc	gngacnnttt	120
tttngcccc	canactgcgn	gtttntanna	ngnnancgcc	nngtcngtnn	tnncnttgnc	180
nnnnnatatc	cannectnnc	tnnntncct	ancgcacant	ntcncaatan	tnnaacgnnc	240
nantnaccct	neenatccac	ntcanagtaa	aatnctnca	attncancat	tagtgrrnttc	300
nannacctnn	ccgtnnatat	ctgrrntcca	tccacaaagn	ccaatcrrng	natcncnntn	360
tnantatncn	ntagagrrncn	ccnntccca	tctatcgrrct	nnnnnatnct	nggaccnrrnn	420
tcccatncca	nnngtnann	cngantrrtg	tgrrcacrnt	grrgrrncgca	tctcaancat	480
catctcgtct	cttgacgatn	tncttantcg	grrcattagg	ntcnatcgrrn	tantrrngntc	540
ancacctant	ntaatctcan	tnnatcann	tctacctatn	tcatatcrrgc	canacagtct	600
crrctctaaat	ncrrncgcan	grrcatntat	caantcanna	nactcrrtata	ntccacatnt	660
ctcrrngrrnc	atrrtactctc	crragctctgt	catttttntc	atctntctct	ctgatacagc	720
cactrrggaa	aactagrrnc	tactcacrna	tagccrrnate	tatacrrctcn	ctntcrrncag	780
rractcgata	natgrrtgrr	tgrrtcnrrct	atagrrncrrn	ntcattrrgc	atrrnanatc	840
tcnrrtcgrr	nactgrrtgrr	ntcatcttgn	nrrcantacan	tgagaagrrnt	tatatatagc	900
nacrrnanat	atagactcat	ctcactacrrn	angacrrcgrrn	grrtanactnt	acttatarrac	960
ctcacrnatrr	grrcactntac	ttatactntc	nrrntntrrga	nacgrrctrrca	gtatatcgrrn	1020
ggrrntctcac	ttactntrrng	crrctrrnact	ntcrrtrrrngrr	crrrrnaacag	tatrrtacact	1080
ctatrraatrr	canacrrrcna	ctgrrccatt	ctgrrrrccaan	ntctcrrtctc	grrcrrrrrrnt	1140
nnrrrrtcgrra	trrrgrrcgrr	cattgrrcrrrr	natrrngrrctrr	ctctrrcanna	ctrrctctctrr	1200
grrcrrgccrrc	cacrrrrrrgrr	crrtctcrrrr	atrrrrcgrrctrr	trrrrrgrrcactrr	antaaacrrctc	1260
atcacrarrct	crrtctcrrrr	crrctrrrrrrrr	atctaccrrctrr	ntrrrrtrrraatrr	crrrrnatgrrna	1320
ctccacgrrrr	atrrrrcrrcrr	ttatcrrrrrr	crrctrrrrrrrr	grrrrrrctrrrr	tancagrrtctc	1380
nacttatrrrr	ctctrrrrrrgrr	crracrrrrrrna	grrctcrrccgrr	trrrrratrrcrr	ntcrrrrnatgrr	1440
crrgrrrrcrrgrr	nacrrrrrrcrra	ngrrrrrrrrrrrr	ntatrrrrrrrra	crrrrrrrrcrrrr	trrrcrrrr	1497

<210> 4987
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4987

tttctaaatg	grrttgrrrrct	ngrrtctrrrr	ncangatccc	atgrrgrrrrrr	aattgrrgrrc	60
gagcccagag	aagagrrrrrr	cagagaaagrr	tacagacaa	aagrrtagaaa	gagrrgrraagrr	120
agcagcagrr	ttgcaagrra	grrgrrgrrcagrr	grrcrrcagccc	atgrrgrrrrrr	actgrrrrrrrr	180
tggaagrrrr	gatgrrgrrrr	cccrrcrrcrr	grrrrrrrrrr	grrrrgrrcagrr	grrrrrrrrrr	240
gccactrrrr	aagrrgrrrrrr	tactcrrrrrr	grrrrgrrrrrr	acrrrrrrrrrr	grrrrcagrrrr	300
caagatgrrrr	grrcagrrrrrr	atrrrraaatrr	tttcagrrrrrr	cagagrraagrr	aaagrrrrrrrr	360
atrrgagrrrr	grrrrrrrrrrrr	crrrrrrrrrrrr	grrrrrrrrrrrr	crrrrrrrrrrrr	tttgcrrrrrr	420
crrrrrrrrrr	tactrrrrrrrr	tagacatagrr	grrrrrrrrrrrr	trrrrrrrrrrrrr	grrrrrrrrrrrr	480

tgcagagggtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	gccctgtggg	540
gtccttggtg	tctctgggg	cttaaggagc	ctcctcatgt	ctttaangta	gcacattga	600
tctttggatg	tggcttttgg	attttctgaa	caagctaattg	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttggtca	aaatgggttat	ttgaaaaaac	720
gtntacnttt	aataaaaactt	ancaaagaga	ttntaaaatc	ccganaaaa		769

<210> 4988

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 4988

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ggaatctcct	agaaagtgtg	gatttttcgag	ccatatacctt	ctgtggtaga	tcctaattgat	120
cctcagatgt	tggccttcaa	ccccaggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggaccccc	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacatatgt	tgaaactgcc	agttaacagg	caattgaagt	ttatgcatac	tcacatcag	360
ttccttcttc	tcagcagtcc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttgaagca	cctttgcatt	tcattggctca	cacattgaaa	actggcactc	ctcctganga	480
atggctctgt	ngttgcttct	aatacacgat	tgcagctnca	tggngcaatg	tatggaagtg	540
gaatctatct	tagtccaatg	tcaagcattat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaggt	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaana	aaaggncagn	cctatccccc	ctttncctgg	caaaaggccc	720
gtnaacctta	aanaaaactgc	ctttagccct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggacccc	tgncn					795

<210> 4989

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 4989

ggaatngctt	ncnnnngctc	ttgtgcnnga	teccntatnn	nnngcgccac	cgtgcctggc	60
tggacatgtc	aatttgaagt	gaatgggttaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagt	tgtttntgca	gctatnaagn	gaatggnttc	ctggggaaaa	180
ttgtgacttt	gnntaactgt	tgttgaaacc	agaataaatt	atatttcaact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaa	tggtttcatt	gtangtacat	agngcactgn	taatatttta	360
aacaagtnnt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatgttg	tcattgtgct	ttaaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcancncat	540
cacttttagat	tntatnatta	tnnacattac	tggggntnta	ncctttgcta	atgtgaagcn	600
ttcttcccta	ntaagtctac	attaccttnt	gctcatttan	atcatatata	acnataactt	660
tataantnat	ctnanaccnn	gcccttgctt	nttanacttt	cnnnecgcnca	ttaccgtaga	720
tcngacatg	ataagaa					737

<210> 4990
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4990

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acgagcccag	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactgggttg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggattc	tatagcagaa	atctataatc	agtgcgagga	acaaggaatg	gaaagtccac	300
ttcctgctga	agatgataat	gctatccgag	aacattttgt	catcagagct	tatttggaag	360
cccatgaaac	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaa	tggctcatga	acacaaagaa	aagaaatatg	480
aaatggattt	tggatatttg	aaagggcatt	tggatgccct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttggtg	tttgttgatg	ganggtggat	ggtggatggt	agagaggatg	600
ccaaagaang	accattgaaa	agaacacatc	aaatggtctt	acctgagaaa	gctttgtctg	660
cccatggtnn	gttttctggt	tcataccnat	attgccaan	actggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacana	tggacctggt	nt	772

<210> 4991
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (828)
 <223> n = A,T,C or G

<400> 4991

tctatccctt	netcaatecn	ttatccngnt	ctttgcagga	cccatcgatt	cgaattcggc	60
acgagaaaag	annaaaaaag	gaannacacn	gntttntnc	ccaaagttgt	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattggt	tttctcagaa	ccaggattct	180
ctgagaggtc	agagcatctc	gctgttnatt	tgntgttggt	ttaaaatatt	atgatttggc	240
tacagaccag	gcagggaaa	agacccggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggt	ttcggcacag	cccggtcact	caeggcctcg	ctctcgctt	accccggtc	360
ctgggctttg	atggtctggt	gccagtgcct	gtgcccactc	tgtgctgct	gggangangc	420
ccaagctctc	tgggtggccgn	ccctgtgcac	ctggccaggg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgccaa	ngtggttccc	naaacgnctn	tncttgcaag	600
aacaaaagta	cccccttgc	acccttccn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaagge	cccccttcc	ggngttngnc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangeccn	ngttcccngn	ggggaacaac	780
caannggccc	ctcaagcccc	aanngcccct	ttncgggggg	cccccnt		828

<210> 4992
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1499)
 <223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antencnctt	tttcaactttt	tttttcecca	anaaacccgan	60
cncgttttccc	ccacngtctc	aaccnctac	acnncgncn	anncgcnaca	cacccccgnc	120
aancanccnn	nctntcnaca	cncncaacta	cactncatac	actcnctacn	ctacncacnc	180
acatacaaca	acaccacaca	tcnncntaac	acacanacac	caccacccaaa	tcnnancccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancaccca	cctctnncan	300
ccacacccct	atctccncna	cacnacccaca	ccaccccgc	aacnnncgcc	ccantcnan	360
tnccnncnac	anacacacac	acancctcac	caccnacacc	canacacanc	ccccnacncn	420
caccacccac	cnnncnccc	nncncccaac	actacaccaa	cncnncnatc	aancnncna	480
ccanccanac	cnnccacncc	cctcnacccc	ncaccnnanc	acctcacacc	ccccccanc	540
nccacnaccc	caanccaccc	cccacannnc	ttntnanana	acanccaatn	ccccaccccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacnnc	cacccccacc	ccncacccct	660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	ccntcccccc	catctcntna	720
cnccccgcgc	tcacccnaac	ccacatctnc	tcccacanct	ccaacacncc	nncanacacn	780
nncacacnca	caacaccctc	tctcnacnc	tacantcann	cacatacaca	nncatcantc	840
nctnntncnc	ccaactncnc	actaacctng	cancnncnc	tcnncctcct	caccantcgc	900
acncccacac	ccctacccat	actcncttcc	nntntacacc	atnancacac	cacacnntnc	960
accacnnccn	acnnanccn	cnntacancn	cncanacca	cacctnacgc	acaccctnat	1020
ccacancacg	accacacncc	cctnccacaa	accacangac	cnnccctac	acatntacca	1080
cgnccctaaca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaacac	nncatctnta	1140
tancanccca	ncacgtcaca	cncnctnnaa	caaccncaca	tccagtcac	atnaaccaca	1200
catnccanc	antncatctc	accnntacn	actcaactcca	ctacnccncc	tctccnacca	1260
cncnccctcc	ctatncaaca	ctcancntcn	aacactnctc	nccncttcc	cnccccacca	1320
cnntccngc	atcnncaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca	1380
cateccccc	taccatcaac	aaacacataa	gcacnccact	cccaccanac	caccnctat	1440
actntacncc	tctccccaca	cncnccccn	naccatctca	ccccctcnc	cncnncnnc	1499

<210> 4993
 <211> 1576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1576)
 <223> n = A,T,C or G

<400> 4993

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ttnttgnnnc	nggnateccc	atncgnnttt	cggaatttcg	ngccaccgta	gtagtanggg	120
tngggngtn	ctgggccc	catnanggta	ntcctcntnn	tcgngntttc	ttgnneteta	180
nagggngtgt	acnnncaactn	gtctnatggg	ccntacgcaa	ttctaactng	ttcacnatgt	240
cancancatc	atgcnacnct	nnnntacttc	tgcnacacta	cctctnccnn	ttcncaange	300
cactggacnc	tcantcacct	nctnnacnac	anngttttcc	cancnccgnc	ttcttcattn	360
nctccatnn	cacttttnnc	cncnctcaca	ntcntcccat	cnttntccca	nccactcnnc	420
cacancctnc	ntctaantct	tnatcanatn	tcactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gncctctacat	gtcntanccg	atnntcntnc	tncaactcat	ncannnccct	540
ngcgcccttat	caaatactcn	tacnnaactnt	taccctactn	ntnctntcan	cntctactnt	600
ccctctctctc	cttctatctc	accatacacc	tctatcngan	cntnncatcn	ctatcnnccta	660
tccanacnnc	tgtnactcgc	tnctactctc	ntntntttctc	tcgcactaac	atanntcaat	720
cccantctctc	ntacctgtca	ntccncagct	ctgatctctc	negtanaact	cctactctac	780

tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tntnctctnc	840
acnctctctc	gagncntnct	ctccnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tenctccana	ttnagttctc	canctgtann	catctcgctt	tnacactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcnctatc	tcacacaatt	ccgtmncn	ancanacacn	1020
acnatacgtn	gcttcatncn	cntcaagtan	attncancat	nacnctatn	tcttctatan	1080
ctattnnngan	ncatacnctc	atcggcancn	cacactctat	nancnnta	cacacccagn	1140
gtcatacnct	ttctgcnagt	ntcnnnctc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacnccna	tctctcnng	cnccannng	actcatnacc	tatctntcna	1260
ncctctnctn	ctcnnctc	tctctatct	ctctacnctc	tntctcttac	gctcncnnn	1320
tcatactact	cntacnntca	cnctctaca	tcttctcat	ctcncntct	atanttctta	1380
tcgntnnnta	ctncnaccag	cntctgctat	ccttgcttgn	actcncnnc	atcgaccn	1440
ctctcatngn	tcacatctnt	cntctntnta	ctcgtcatca	ctctcncn	ccnatatct	1500
tnttatectn	anancnnc	accgcagngc	accactcann	tcnnatnct	ntannacnnt	1560
cccacntctg	accnct					1576

<210> 4994

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 4994

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cgntncgaat	tcggcacgag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnntttgaac	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta	180
agattattta	aaaatgatcc	ttgttcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggctata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac	300
tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgattt	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttacg	tggataactc	ctataaatgg	gctgggtggtg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgggaa	tgtaatgctt	tatggttacc	aagttgggct	gtttaagaac	540
tcaaatgaaa	atcttttacc	tggatacctc	aaaccagaac	aatgggtatg	atgtggaccc	600
cagtccctaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctgggggtg	660
tttgtgggaa	aaagaaccaa	accgtatggg	ttcgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggcc	ntgggtgcc	gtagtgtccn	gctnggccct	tccttgaana	780
actggattcn	aaagnt					796

<210> 4995

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 4995

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ntgcgntnct	tataatctgg	gggtacagag	caaggaagaa	gtactttgac	tttgaggaga	120
ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggcaagctc	accagcacc	180
cagtgcacga	tcaggacca	catctctca	acgctctgaa	cagttataaa	agccgggtcc	240

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tctgcggcaa ggagatcaag aagaagaagt gcattcttccg cctgcgcac cgcgtccac 300
ccaacccgcc agggaagctg ctgcctgaca aaggactgct gccaaatgag aacagcgcct 360
cctctgagct gcgtaagaga ggaaagagca agcctgggtt gttgcctcac gaattccagc 420
agcagaaaag gcgagtttat agaagaaaaa gatcaaagtt tttgctggaa gatgctattc 480
tccgagcttc gcaatgccgc taaggacnac aagaagaaga angacgctgg aaagtcggcc 540
aagaaagaca aaagaccag tgaacaaatc ccggggcaag gccaaaaaga agaagtggtc 600
caaaggcaaa gttcgggaca agctcaatac ttaattcttg tttgacaaag ctccctatga 660
taaactctgt aanggaagtt cccaactttt aaaccttata accccanct tgtggncctc 720
ttgagaagac ttggaaagat tccnagggtt cccttgggcc agggggccagc ccctttaagg 780
agcttctctt aattaaagga ccttattcaa aaccg 815

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<210> 4996

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (753)

<223> n = A,T,C or G

<400> 4996

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tnnnnctttg acggatcttn gcagnactna acggcaantt ccctcttttt gcaggatccc 60
atcgattoga attcggcacg aggagtaagg gcaggggcct aanaaacagn ttttggtggg 120
tcttgaggca aaaaaagaag aaaatcttgc tgattggtat tctcaggtca tcacaaagtc 180
agaaatgatt gaataccatg acataagtgg ctgttatatt ctctgctcct gggcctatgc 240
catttgggaa gccatcaagg acttttttga tgctgagatc aagaaaacttg gtgttgaaaa 300
ctgctacttc cccatgtttg tgtctcaaag tgcattagag aaagagaaga ctcatgntgc 360
tgactttgcc ccanagggtg cttgggntac nagatctggc aaaaccgagc tggcanaacc 420
aattgccatt cgtcctacta gtgaaacagt aatgtatcct gcatatgcaa aatgggtaca 480
gtcacacaga gacctgccc tcaagctcaa ncagtgggtg aatgtggngc cgttgggaat 540
caagcatcct cagnctttcc tacgtactcg ggaatttctt tggcaggaag ggcacanngc 600
ttttgctacc atggaaaagc aacggaaaag gcttgcana cttgacttaa atgctcagga 660
tatgaagaac tccggcaatn cngnngtnaa ggaagaagac ggaaangaaa aattcaggan 720
gagacttnca ctccatagaa gctttattct gcc 753

```

<210> 4997

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (711)

<223> n = A,T,C or G

<400> 4997

```

tggtttanat cngctcttg ttctttttgc aggatccctc gnttcgaaaa attttatgga 60
cttctatgga tatttcttga tgcttagaga tttgtttttt taattgcaaa tgtgaattgt 120
ctattttcaa atgctattac atatggagcg ggctgtggt gtatggcact attccttgga 180
ctaattgtac ccaggttcca ttctctgctc agctcgggtg ctctagacaa agccctaaa 240
atgctgtctg cttcagtctc cttaatgggtg aagtggaaat gaatacctac tgtcacttaa 300
ctcatggaga tgctggactg ataattagat catgtaagag cactttgagc tgtattgaaa 360
aatatgttgt ctcaaattaa gtagagtcta tggtttttga aatataaata tattgccaga 420
aaatacatca ctgggggagc aaaacatgta gaccaaataa aacagggtt agtaacatca 480
gtaaacaatag ttgggaaaag atggcactaa agaaagccaa gaagaaagtg ttgctcttgt 540

```

```

aaaccaaann aaaaaaaaaa aaactcgagc ctctagacta tagtgagtcg tattacgtag      600
atccagacat gataagatnc attgatgagt ttggacaaac cacacctaga aatgcatgaa      660
aaaaaatgct ttattnggga aatttgggat gctatngctt tatttgnacc c              711

```

<210> 4998

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4998

```

ngntttannt attnnenttg cgctttgnga acttccngca nganttcgcg attcgctgaa      60
atgtcanaca cgccaccta ggcagcattt acaagcaaga nttttctgct nttttgatgt      120
atatcttaag cgccccagt gaatgaacag catataactc cacataaaaa tcattaaatg      180
taattgactt ccagagcagg cagntctgtt gtatgcctct ggagaaggct ggctgaattg      240
gaattggnet gtaccttctg cctatcatgt acatgaggct tttgggcaaa gagaactttc      300
cacaaaataa gtccaaaaat tatagatcat cagacaacca ataacatatt gatgagatat      360
ctccaagatc tagaancgtc ctgggtgtca aggaagtcnt ttgggggtttt tacaaatatt      420
gataatgcac tttctataaa atgcactttt tataaaaatg catgctcant tgagacaact      480
tgaaaaacac naagaaaagg cccgggcccgt agtgggtcac gcctggnatc ccagcantct      540
gggaggccna aacggggttg atnaccgaag gtcangagaa ntgagaccat cctggcnaac      600
atggngaaaa cccccagact ctactnaaaa aatacataaa aattancang gtgtangntg      660
ncggggcgcc natnagncce antctactna aggaggcctg aagcaggaag aatggggttg      720
accennggaa nacngaacct tgcantnaac cggnnatccc gncactggna cctatagnct      780
gggngg                                           786

```

<210> 4999

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1251)

<223> n = A,T,C or G

<400> 4999

```

acgaggggggc tccccctttt ttttngnaaa aaaaaacccc ccntttttttt ggggggggna      60
aagnttggggg gggctttttt cnaaaaaancn cccntttttg gcanaaaaaa nnncccnnc      120
nnaccennna ccannnnnca nannnnngggg gcnncncnng nncnacancn cggccacnan      180
cnnanancng gngtggntca cannannacg gnnnggggnt cncanccac nnnnggtnet      240
ctatencggg gngcgggggg ccncnggggn nncngnatc acctggggg ggnncncnac      300
ccgggggggn ncncnngcn gngccaccca taggggggnc anaatggngg ccccnncnng      360
nncacancca aggnngcaca cntancccn annacaccnc ccacacctnc tncnanaacc      420
nannnacana ncnnncnacc naacncnacc cancanccac cccacacnnc ncncncccc      480
acnacncaac cctccancn accncccnan aacaaannnc ccccnacant cnnncccnnc      540
nnnaacncnc nancccnnac aanccccatt nnacnancn ncncannena ctaanaenct      600
nccacnuna canaaactnt nnacnancn acncnacccc cccncaacce ccccccaac      660
nanacncnc tccccatac cacaacacnt nccanctnac cctnaaacn anancaaaca      720
tanaaancca cncacnca accaccaac acnncctaann ccaccaacan aaaccnccac      780
cacanacnac cncataccan cnnnacna tcaccnnaac acaccanacc cntactncac      840
cnntcnatct cnnnncatnc nctanacna cacnnnaacc tcacacacnn catacccan      900

```

cannacacan	tctatacanc	nctcaacna	cccncacatc	ctattactnn	acancacncc	960
natnctcnaa	ncnnncnaca	anacnncnacc	aacacncaac	catctcacat	ctncacncna	1020
acnacancan	tctcncccaa	cacaaatcnn	cncncaacnc	tcncanacn	tacancatac	1080
acacnnacta	caacgcncca	ccccnctctc	ncaacacnca	cnntcatnna	cncacntecn	1140
anacnctnnc	acaactaaca	tncccacnan	acacacnana	nacacaccca	nnncaccann	1200
acaccnaacc	ntcacaccac	nactactnnc	aanctnnncn	cacatnncnc	c	1251

<210> 5000

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 5000

gnttttctta	ggnatnnctt	tggcacttnc	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagt	cgagtttttt	tttttttttt	ttcacttttt	aatacacttc	aatggttttt	120
aatatattca	cagttgtaca	actatcacta	gacaaaatat	ttttatctgt	atgaagtgtc	180
gtgtgtatca	tggggccaag	tcaggggaag	acaggagttt	accaggggaa	gaaatgcatt	240
ccagggaaag	agaacaaatg	tgcaaaaaga	cgggaattctg	aaatgaccta	gcatttgcat	300
aatatgaaac	tgcaggggga	ggtaggctag	agtttatagt	gaggaaacaa	ttgggctagt	360
ttacaaatga	ggaatctgaa	gctcaaatag	atgaagtaac	tggcataagg	caattatctt	420
atgctaactc	aagaaaaggt	gtctaaggca	ggggtcccca	accttggtgc	catggactgg	480
gtactgtggc	ctgttaggaa	cccggctaca	cagcaggagg	tgaggagcag	gcaagcatta	540
ctgcctgagc	tcacctnct	gtcanatcaa	ccgngggcat	caaattctca	tcggaacttg	600
aacccttatt	tttgaactgc	ncattgttan	ggatagggtg	cattgctccc	ttatgagaaa	660
tctaacctaa	tggcccggat	gaatttgang	gggaaaaaaa	atttcaatcc	ttgnaaccac	720
ccccccnaac	cttgtttggn	gggaaaaaaa	nagnctttcc	nntnnaaacc	cggncctctg	780
gggncct						787

<210> 5001

<211> 900

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 5001

nggntctttt	gnaatttcta	acacctgctc	tttctaattnn	ttggaatccc	tcgattcgaa	60
ttcggcacga	ggnaanaacn	gctctggaga	aggccaacac	annncanaga	nntcaagtna	120
gaaanccacc	agnctaactn	naggattnag	nancctnnnn	ancgcnnntna	ggnncaatga	180
ggctgacctt	gaggtctctg	gnagggaaac	cttgnccgga	cnnagctctt	gtgcgtncn	240
ggtcactttg	ntentatcca	ttctctgaca	ccccagttnn	nattaancac	ccnanntnag	300
antntctgen	nggtgcengg	cnnnttntta	cnnangeccct	tctnctntnt	tcnnccannat	360
ccnccnnttt	ccntnatent	ttggntcgga	tanannnttn	ctngnaance	nttngntttt	420
ctttnancan	tnattctnna	nceccaaaatt	tgcttttttn	gtcttcttgn	atttttcnct	480
naattgccect	ttcnatctcc	tttnatnttn	atccentttt	ntttttccct	ngcnttttnc	540
ttcatacngt	nttccctttt	nttnntgceen	atnttncaat	nggcncctac	ttttateecn	600
ttnnngggctt	ttttgtccnc	ttnttttttt	tcttccnant	tcctccctta	tttctcnacc	660
ctntataacn	tacntnatct	ttctctaaat	tncccnntt	tcttctnttn	ttntccctnt	720

ttttttgtcc	ancntacata	cttcnntnnt	tttngggante	tennoctatt	tntntcngnn	780
tcaatctatc	tatcccnntn	tncnnttntc	nenttncnnt	ntcnnttcta	tnntnnttct	840
nttattnncn	tntnctntta	gttnntcttt	tacntactan	netttttcn	ttntnnncg	900

<210> 5002

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 5002

gtnnctaaat	ggcnggcctg	ctcgtttctt	tctcgcagga	ncccnncgan	togaattcgg	60
cacgaggcgg	nncgggtcng	tacatggctc	tgtntgtcac	aannnnacgc	nntgnntgcc	120
cgttcncnat	acnatagtgn	ngctntgtcc	aaatontgga	ctctgccctc	natgaacttg	180
tgctatccag	atgaccnngc	tacatcaactg	nttgcctncn	gtactngcan	nnnncaacgna	240
atgtgggnant	gnatgganac	gntgaacctt	ttennactat	ngcccntnct	tntgnaatca	300
nnataaccct	gtttggnaact	nttntngggc	tntctattcct	ggctgnggtn	tgncctnacac	360
tgaccaangg	gcctgtgtctg	tanatnatgcn	annntnmtnc	agngntncc	ngtnactntn	420
ntaaggcnaa	tttnatntga	nantnatgca	cnattngccc	agtgagcnc	nagttcagng	480
nncgcannat	ggngancgcn	gtgcttance	nagntctgtg	nnaggctatg	cccatntcaa	540
ggcntgcatg	gaactatgat	ggnnncannn	nattcnangc	ngtgtgncng	aatgagatcc	600
tngcacaagg	atatcatncn	tncagtnatg	gctgtncaac	tctggantct	angcatgttc	660
cgannntgan	gganancgat	tnantgngac	cctgactggg	gcnngnanc	ngnacattga	720
aaaccngccg	ctgc					734

<210> 5003

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5003

nggnnnnttt	naaaattctt	natatacngc	tacttttcaa	atnnttggat	cccatcgatt	60
cgctggcggt	aaggctggaa	agggactccg	gaaaggccaa	gacaaaggcg	gtttcccgt	120
cgcagagagc	cggtctgcag	ttcccagtg	gccgtattca	tgcacaccta	aaatctagga	180
cgaccagtea	tggacgtgtg	ggcgcgactg	ccgctgtgta	cagcgcagcc	atcctggagt	240
acctcaccgc	agaggtaact	gaactggcag	gaaatgcate	aaaagactta	aaggtaaagc	300
gtattacccc	tcgtcaactt	caacttgcta	ttcgtggaga	tgaanaattg	ggttctctta	360
ttaaagggtt	cnattgctgg	tggtgggggt	catttcncac	atttcccnaa	tnttttgaat	420
tggggaanaa	aaggnccccc	cnaaanantt	gtcttaaaa	gattccctgg	gatttccttg	480
ggtatcttca	aggacttctt	naaataacct	tttaacaagc	ttgtncctaa	tggtttgggt	540
ggaattncca	nttgggacct	tggtattctt	cttgggtgna	aaaaaccacc	aaatttttgg	600
cccttttttt	gggnaaattc	cttaattttt	gaagccnaaa	tttggggaaa	agnttttaaa	660
atttaagmcn	tttttcccaa	accocaaaacc	cnaaaatttt	cttggccant	ttccnaagtt	720
cntttaaanc	cntttntttt	naaaaaatng	ttnaccttgg	gggggctttt	cnaaaaggaa	780
aagccttntt	tggaaantct	tggaaaantt	aattgggggg	ttttttggaa	tttggaaatt	840
ttggacctgg	gntttttttna	aaaaaaacct	gggttttngg	aattttttaa	attggnggaa	900
ttncncnaaa	agtttnttng	gtnaanccaa	accn			934

<210> 5004
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5004
 tttnnnnnn cagcttcnng ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
 ncnngatggn nntgaatgnc angnntatnn cagatgagac aagnganaca attgtgtccn 120
 tgtantctnt nngngncnt ngntgcnggn gaaacatnaa ctatnggcan gntaactgna 180
 cancntagac ccanngatnc nangncaggn cantantggg aaccnccant nanggntntt 240
 tttnctatgn tcacagcnnn cacangtnna gnetgangnn tnananngac nnangagana 300
 nnnctattta atngntnatg ngaaagangg nnaanattgn ccnagagntt agctcttnac 360
 antactntag tcntgcaagg agtagccgtg ngccngatca gngaangact gagnnctcan 420
 anctaccng cncnactgn atgnngactn gcatgntnan cnaanntaac ctgngagccn 480
 ncnngcnnag cctntttgtg agaagnnann tcngtntntc acntgcccn agntagcgct 540
 ttngnnntna cngacaacac caactgggnt ggtggcctnt gtenganttn gaananangc 600
 nntnacntgc nngctcntta ntgaaggatt ggatactgan anntacactc cngacntttg 660
 cnaaaatgga aaannantgg tctctnngan ggnaactntt nnacngngan ctgttctant 720
 aaaatannac gtggatgaaa agcttactgg ncacngt 757

<210> 5005
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5005
 tttnnnnnn cagcttcnng ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
 ncnngatggn nntgaatgnc angnntatnn cagatgagac aagnganaca attgtgtccn 120
 tgtantctnt nngngncnt ngntgcnggn gaaacatnaa ctatnggcan gntaactgna 180
 cancntagac ccanngatnc nangncaggn cantantggg aaccnccant nanggntntt 240
 tttnctatgn tcacagcnnn cacangtnna gnetgangnn tnananngac nnangagana 300
 nnnctattta atngntnatg ngaaagangg nnaanattgn ccnagagntt agctcttnac 360
 antactntag tcntgcaagg agtagccgtg ngccngatca gngaangact gagnnctcan 420
 anctaccng cncnactgn atgnngactn gcatgntnan cnaanntaac ctgngagccn 480
 ncnngcnnag cctntttgtg agaagnnann tcngtntntc acntgcccn agntagcgct 540
 ttngnnntna cngacaacac caactgggnt ggtggcctnt gtenganttn gaananangc 600
 nntnacntgc nngctcntta ntgaaggatt ggatactgan anntacactc cngacntttg 660
 cnaaaatgga aaannantgg tctctnngan ggnaactntt nnacngngan ctgttctant 720
 aaaatannac gtggatgaaa agcttactgg ncacngt 757

<210> 5006
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 5006

nttngaaatt	ccatatagna	ntgaacggga	antccccttt	ntgcaggcag	cccatcgatn	60
cgaattcggc	acgagaagan	gtttgattct	ttagataacn	cttttnangt	gctataaagg	120
gcctagttta	aaaggaactt	cttttgaaaa	gcaattaaca	gttgataaag	ggttaaataa	180
aaattatcta	gtaaggaatt	tcttattgga	atgtaaactg	ggttctaatt	ttaaatagac	240
agtgatataa	agaataaaaa	gtaaacagtg	aaattgagtt	ctccaggga	aaggcagacc	300
tgtttagtaa	aaaaaggatg	cttttttcag	tgatgtcttt	ttttgagtgc	atatgtgtgt	360
gactcttgaa	gaaatccatg	ttcagattta	tcagatgatt	gaagtgggtg	ttctgaataa	420
agaaagctgt	gaggcctgag	gcagtgaccg	tatcaggaaa	catattttat	tggagatttg	480
gaagctatag	taaaacataa	tggcaataag	ccaacttccc	agtggtaa	ccacagnggt	540
ggnttagttc	taacctcttg	atgaccgagg	aggntaataa	ttggatattg	cagagcagca	600
aatatgtaac	cngngngtaa	tctcanggcc	ncangntaan	cagnttccag	ncagaagccn	660
tagaagaaac	ccctgaccaa	aatttagctt	accccgacc	tangctgccn	gcntatngng	720
gncnggggtt	cntcnggggt	taaaagaaac	ctaataactg	nccacaanac	cnttgaccg	779

<210> 5007
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 5007

ctgnnnncng	ccgatccang	tagaactcat	gggaactccc	gcagganccc	agggngncga	60
acngggnncg	aggnaccgag	agagaagggg	gggtttaact	acacactttt	naaccntgct	120
taacanaagt	attatatang	nacagtttca	tacaggaatt	acctcaaaag	ggagtctnat	180
gangagcaac	tacagatagn	tgcaagggat	catacagaag	atatcgatga	taggtgaaan	240
atgcttagaa	gggggtgtgaa	tgtctagcng	ngacnaccat	gtgtatgtat	ccttgacaag	300
cagtataaaa	taccngtgan	gtnttcttta	cattacggga	taangcataa	ggaatcaatc	360
nccatatana	ctatcanccc	taatgnagca	aggggaagta	tntaattgcc	catgatatgt	420
annttactna	tactatgcca	gagaggaaac	tataaagtaa	ttacacangt	aaacttgggt	480
ntttcacana	cgnaggtatt	cattnngagt	acggtgaaga	agaaaaanga	atatcnaaat	540
gaactgaanc	cngatgggan	agtatcaaca	agtntntaaa	agcccaggat	tctaaaaaac	600
aataaagggg	cacgggcant	ttttggagtn	ngnacancct	tatgccnant	ggcnaanaat	660
nccaaaaatn	aaaagcggna	accattgggg	aaccccggtg	ggaccntaaa	nggcnaacnta	720
aatnggggaa	ccagcnantn	gangaatgan	ggaaccaaag	gggggttagg	caaataagcc	780
aaaaccccca	anaaaanant	nnngggncca	aaannncccc			820

<210> 5008
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 5008

```

agagnnnnnn ttnnattctt tgnnctctaa nagcttggct actngttctt tttgcaggat      60
cccatgcgat tcgaattcgg cacgaggcca ccttctaagc aagtgatggc ctggctgggt      120
cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca      180
tatgattaga catcatcatt ttaatggctt catggcattc cattttatgg gtatattata      240
aagagactaa tacagaatta tgttccttac aatacatgat ttttaaagtt ttaaaaagcta      300
actgggggta catgccctca ggacaagaca cataaacaca ttttgtngac aaaaaanaaa      360
aannaaaaaa aactcgagcc tctagaacta tagtgagtcg tattacgtag atccagacnt      420
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt      480
tatttgtgaa atttgtgatg ctatngcttt atttgtaacc attataagct gcaataaaca      540
agttaacaac aacaattgca ttcattttat gttnccaggtt canggggagg tgtgggagggt      600
tttttaattc gcggccgcgg cgccaatgca ttgggccccg gtcccacttt tgggtcccttt      660
agtganggtt aattgcncct ttggcgtaac atggncatag ctgnttcctg tggggaaaat      720
ggtatccgnt cacaaattcc acaacatacg ag                                     752

```

<210> 5009

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 5009

```

tttnnaannn ncagcgtnnn cncnttnn ctncgtgaaa ccccttggca anncccccn      60
nnnngcagga tcccatcgat tcgaattcgg cacgagattc tctcaataat ggccagccga      120
aatttcncgc tgccaggcat ctgcctccgc ggggtcatta aactcccaca gtggtcaccc      180
cactgctgat gtacagactt tccaggcaaa gcgccatatt catcaacacc gncagtctta      240
ctgtaattat aacactggag gtcagttaga gggcaatgca gccacttctt atcanaagca      300
gactgacaaa cccagccact gtagccagtt tgtgacacct ccgcggatga ggagacagtt      360
ctcagcacc c aatctcaaag ctggctcgaga aaccacagtg tanaatcaag tnactggaca      420
aacttgaaat catggtggaa gaaacagaca gngtttagct atgatnngat ttggtntctac      480
ctttggcctt gagttcttat tatttacatt ataaanatta actggttnta tattgntaag      540
acaaaacact ggtaaaagtn gcaacacct cctnntgctt gtataccata aatgggcagn      600
ctctggaaat tnatggataa agcatcaaag aaactgcnnn ngtgctgaaa acgtttctnn      660
ctttnttttag ngcctnaatt taagatactt tactttacnc cncntngna atctgggnng      720
cangnntctc ttttanggnn tggnaaaana nccgncctcg cccctnntaa acttnnagnn      780
gngtngggat taccgcnaaa ccccgacc                                     809

```

<210> 5010

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 5010

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cnaatgctgg tngctngtte tttttgcagg atcccatcga ttcggggcta gcctgcacgc      60
acgccaaagat ggagctccag gctagccac agaacagccc agccgcagcc gtcctaccag      120
accagcacct tgtaaccaca gtctaacc ca gggggcacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgctct tgcccaaggc tcaggctacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300

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cggagaaggc	agaagtgact	tagattgtga	gtgccacggg	gctgaggcct	gcgccgacct	360
ggctctgctgg	tgctaccagg	cttgaacagt	cttcaaattcc	actgctatta	ggcaaattac	420
ctggctccccg	ctgaactcca	gcacctagaa	ctatgtcaca	ctcgtagtag	gccgctgcat	480
tggttgaaca	aatgattttg	aaagaatgaa	tgtcttctctc	tgtgcctgca	tttcctcaga	540
aggctgtaac	aaagattaaa	taggaaaatt	cgtggaaagt	tcaaaaaaaaa	aaannnnnct	600
aanantcatn	nnannnnang	agnntnaaaa	aaaaaaaaact	cgagcctnta	aanctntagg	660
gagncgtatt	acgtanatcc	agacatgata	ngatncattg	atgagtt		707

<210> 5011

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 5011

atgtgntaac	acacataggc	tcaangtaaa	gggggtggcga	aagatctggt	atgcagatgg	60
aaaaaaagat	caggggtcac	tattcttgta	tcagataaaa	cagacttttt	aatcaacaa	120
cagtagaaaa	aggactaggg	cattacataa	tgaagaaggg	ttcaattcaa	caagatttat	180
cctatacaca	ccaagattg	gagcactcag	atttctaaaa	ctattatttc	tagacctagg	240
aaaagaatta	aacggccaca	taataatagt	gggggacttc	aacacctcac	tgacagtgtt	300
agatagatca	tcaaggcaga	aaactaacia	attctgaact	taaattnaac	agttgactaa	360
ttgaacctaa	tagacatcta	cagaatactc	caccacacaa	caacagaaca	tacttttttc	420
tcatgtgcnc	atagaaaata	ctctaagatt	gccacatgct	ttgtcccaaa	gcaaattctca	480
gttaantcaa	aaaaagattg	aatcataacc	cangcttttc	agactcctcc	atagtaaaaa	540
attggaaatt	caacaccaag	agnaaactnt	caaaaacatg	ggaaacttaa	acaacttgct	600
cctggatgac	cttttggggt	aattgttaaa	atanggcata	catnaacccc	ttnttgaaac	660
aatgg						666

<210> 5012

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 5012

ttcgtnttcc	cngtagaact	tnnngcaaaa	tcccgtancc	gcangagccn	atacgatccg	60
ggnccgntga	acnaactaga	ctacgcngcg	ngcnggcctg	tttnaaanan	tgccagannc	120
ttcttnagnc	ngtagctcaa	aacctgtgag	natcanacat	canaaatgng	ngaaanntan	180
agccnntnga	anacaacatn	ngngacaacc	nacnanacaa	nactatgggg	ancagcttnt	240
ccatgtgang	catagccang	atccataacg	anaangaaac	cngaaccnng	gncnntcnca	300
anatgnaana	cnctgcnnt	gctgcaatgc	cengcaaagn	cgatgaaana	acngggctac	360
atacngcgag	gaaggactat	gcaactgctn	ggcaggacta	ntgactnnaa	nctngatct	420
nnnnggnact	nagaacngaa	nnctnnaaag	gnngacagnc	caanttnaaa	acngnnaaan	480
gnacngcntt	cgacaacaag	gntatncnga	tntcatctga	acacnggaag	ggaaacnnaa	540
aacctanac	gagnatnngg	atngaannng	gacnntanta	nnaacgcacc	ctttaagaac	600
agcttganc	cacncnngaa	ccngccatnt	ttaaccccag	ccttgggcac	caccaggcaa	660
cgacaccagt	ctancaaagn	ctnangcnnn	naananatna	gcncccagcc	cngaaacgct	720
ngggccngga	atatncaagg	aaaccagaac	tcttaaaacg	gtttcccagn	nggggaattt	780

taaaaaagggg gcccaaccct cc

802

<210> 5013

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 5013

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agcgggnttt taaacctta tnnatnnc tnnngaaacna aatcgcncta aaaggggngg      60
gggcgcgagc ccntnnccac cccattncca aangaggnt cantggggtn nggccgngca      120
ccattatccn nccccattcg naccnntaaa ncgctctatc aantacaana ncatgacctc      180
cctnctatct ntctnctacn cttctnana cantattnan tccacttgat tttttttttc      240
ttaanactan ttatattact gctnctcggn gnetgcntac cnttnccatg ctaaggctgg      300
nacancagnc ctgngnnnca taccgtgnaa tccnccagga nancnanc ctnngnancg      360
gaggnccegc annnccccnn atgennatag antagttcna nggactnnag ntncnatcaa      420
caactnnctn gnggngcagn ccnctnncc ttnnecagng cccntnanct acgggganct      480
gnatnatnctn ctntntcata tgnaatecnn tnttnnctcg gtntggngca caaacgannn      540
nntactagga antcttctn natagnccnt aanannacaa ngaatgggat taananccta      600
nncccttngg ctccangna gaacancnc ataccnnttn gggntttngn ntaanaantg      660
tctnannng gggnantaac taangnacc cctantnct nntcgatccc cctanaagaa      720
ntnttctnt atctttctct ccaagtacag ancncntagn naaaggntcc catntctatg      780
ngncctnctn tttganacnc tnnctgngng acccactttg nctnngaang gncatnccat      840
ntnaanccta accatnngnt tattgnnctc gccc                                874

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<210> 5014

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5014

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agttcctctt ttcnaatngc ttggctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggtttttttt tttttttttt ttatagggat cactttttatt tcaaacaatt      120
aaatacaaac caatatttta ccccttcata gatgaaatca catcttttca ggatatgagt      180
ataaagtaac aagcctaggg cagagcttgt actgacaaag tcctgaaaact acaatgagag      240
gaaacacatt gctctacttc gggataagtc atgaccgaga ctcaatttca gagacgctct      300
atgaacagag gtgcttgaag ccacagtggc agaaggggaa gatggggaag tgtgccgaag      360
agcctccagg catgacagac agtcccctga ccaagcaca gtaacaggcc ctttgggtct      420
ctgcttctca ctggaaaatg atgaagccta natctgatga ctcttagtgc caacatttaa      480
caaagtctga aagttatgca ggacttcaca catgtacgga atggctgtat cacagaatat      540
tatgccgtta gaaagttcac ggnactatt acctagcttc taaaattttt cagaagaaac      600
agcagactta ttaagtggaa tcttaaatta aagggttan cattttaatg gaaataaatg      660
gaaaccagag caggggaacc caaagagccc anttagggga aagaatcctg aaaaaagtnt      720
ggnntttcac cangnancag cntttgaaag aaaaaccct nttggatttt tttccanaa      780
na

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<210> 5015

<211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5015

gccccccnnn	nnnnnnnttt	tcaaanncn	ttnnnnnnnn	nngnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgcagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgaggg	gagctgggac	agatgatcnt	nccctcntca	180
gngtcatggn	tnccangngt	gagnttnatc	tgccnnacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgcctgc	accaccccct	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnncacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtnacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnnaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttgggaat	ggnccttagtg	720
aagttcgcn	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5016
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5016

gccccccnnn	nnnnnnnttt	tcaaanncn	ttnnnnnnnn	nngnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgcagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgaggg	gagctgggac	agatgatcnt	nccctcntca	180
gngtcatggn	tnccangngt	gagnttnatc	tgccnnacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgcctgc	accaccccct	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnncacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtnacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnnaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttgggaat	ggnccttagtg	720
aagttcgcn	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5017
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1425)
 <223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatatgtgaa	ggcctntggt	gggaacccct	tnggggggnac	ccttgganca	60
tttttgggng	nncccnccctt	naaaacnadc	aagaaaaata	atgggnggggt	cttttnnggg	120
ggnnncncnn	nnncannnan	ccnatnnann	nnnnnanntc	nnnnnnnnnn	atnfnacata	180
nancncncc	aanancnca	ccncttnnch	tnncnncctc	nnnnnnnnnt	nnacnchnac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnatnccn	atnccnchnn	ncannnancc	300
ancnancnn	tnntanannn	nnnatncccc	nnnnntnta	nnctctccta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanct	ncnanncntc	ncnncaaann	420
naatnnnnch	cctccacaca	cantnnancc	tctacnnant	ccacnccann	cccnnentca	480
ccccncaca	anncnntcc	nacnchnnct	cannacntta	acannacnaa	cccncccatn	540
accanaccnc	ccccanncc	ncncctnac	tnncncan	cannnnncnc	ccnactnnnc	600
ncnactcna	accannann	tnntatnct	cncnnnnann	nnnncaaanc	namnnacncc	660
ncnnctcat	ccannntnch	cncnnanann	tctnnnnnc	ctcaccannc	acncccnchn	720
acanactatc	tctatacnca	ccncnctnnn	nnnnnnnnnn	nnccancnca	nacannchnn	780
actcctnnn	tannnaaccc	cnnnacnnn	ntcncntnn	accanacnch	cncnnnnaca	840
ntantaccna	ncnnnccnac	nanancnch	nnntcacnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cnncttctna	nnnannnccn	aacnnnnac	ccnnancnctn	atacnantnn	960
nnactnannn	ncatnancan	anannnnct	atannacaca	cnntanacta	cncnacnctn	1020
cannnactnt	cncnannanc	tnncancana	nacnnnnnc	nnnnntcann	cnnnnanadc	1080
nctcancann	ancncntnan	ntncanannn	tacnnncnnt	nnnnanantnt	cactcncnan	1140
nnatcactcn	cnnnnncntn	nnnccannnn	nnncnnncnc	anactcnnta	cnntatactn	1200
ctnccctctn	tnnnantcct	ancnnnnctn	tcnnctntct	ntcancnncn	cncnccactct	1260
atacnnctn	atntnncann	tnnnannnnnc	ctcctctncc	ctcnacctnc	ntccacancn	1320
cncacntcnn	natacncnnc	cnantccatc	nacacnatca	ctctncaenc	acnctntcna	1380
ctactantnc	tcctnaacta	canacccanc	ncnnntnncac	ancct		1425

<210> 5018
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 5018

ggccccnnnn	nttttttttt	ttaaaaannnc	ccccctttaan	aacnnggaaa	aaaaaccnc	60
cttttttttg	ggccctnaac	ctttnggcn	ttcctttttt	tttgggccc	gggggnaatc	120
ccccnatcc	cgggnatttt	cccggaata	ttncggggg	ccaaccggaa	ggcccagggg	180
ggaacctggg	aatgggaagg	gggtnccttt	taaacaaaaa	aaaaactntt	gttgggtngg	240
gnccannnnna	nnnananana	nanannnnnn	nnaaaaatcc	cttaaaaaaa	accaaaaacc	300
aaaaccanaa	aaaaaaaaaac	caaatttctt	tcattttccan	aaaaaaaaatt	attctttang	360
gggacctgga	atattgggta	aattatgggt	caaantnaaa	taatatatttg	gggcattcct	420
tacattgctt	gcaagataaa	atgctgtgcc	aaaatttgat	tttatattgga	gacttcttat	480
caaaagtatg	tgcaaggaa	gctaggatag	agtgtccatc	cttggttgagt	gnttctaaaa	540
tnntttctga	tgcatatatt	acttggtggg	gagagatgnc	cagctcctct	gtcttgataa	600
acttattgct	tgttnccata	ctttgtagaa	tggtcttcgg	aaaatagaaa	tctntatagt	660
nagataatga	taatgttctt	atttatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa	720
aaaaaaactc	gccctaactt	agtgagcgct	nanancgctg	aagacattgt	gagtgccacc	780
cactgatgng	gaan					794

<210> 5019
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (957)
 <223> n = A,T,C or G

<400> 5019

gtnattctan	tnnancnctt	tcacnnaccn	ggtagcccccac	ccgggtggaa	aatcgatggg	60
cccgcggccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacia	120
agtgcnnna	ttatacgct	naatccantg	ngnntggcct	anagtnnnag	tanncatgat	180
ttnngcnntg	ttnnngtcct	ggnttccaaa	ngnagngggac	ctagctgntn	atcaattntt	240
ntgagctaaa	ctgnntagnt	ccannnccn	ntgatantct	ccntnnanna	tcgaggtatn	300
actagattaa	ctnggnaacn	nacanggatc	anatncactn	ataatanacn	nnatnaatna	360
nntcnacact	natecnncctt	tngctnnata	tntgnanaaa	caannnactg	aaaacntnta	420
ttntttaaag	nnntnecgnt	tnatgactca	gttnccnaaa	gctntatnnn	tattntgntg	480
tgttnnatatc	caanctnncn	nccnnnnct	tgtttgntnt	gctcntnncn	gtttcaaana	540
gaataanaaa	nctntnnnt	nnctaagana	nacattcntn	agctnactat	ncnntactcn	600
atnatnattn	tatgccaaa	ntgtagccnt	ccnatntat	nnctaaaaaa	ttnacgncta	660
tatannacng	naccttnnca	tanccggntn	taannenggt	ntngatctcn	catnatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	ntntttctc	780
attnaatnaa	aaacgggtgc	taaaaanncg	aanntnacc	ttgctgctct	tcacgnaat	840
ntatacnnta	tctatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnacntnc	gncttatgnt	gntngattcc	ccctctntca	naannccna	aaanncc	957

<210> 5020
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (808)
 <223> n = A,T,C or G

<400> 5020

gtnttccttt	caaattngctn	ggctacttgt	tcttttttgca	ggatcccatc	gattcgngta	60
gccgaccngc	tgctgtmncn	ggtagcttgnt	acgaacgttg	ccacnannct	gagantngtn	120
acnctaganc	tgnaaacntn	atngttnnct	gcctgnatna	ccnagnaggc	tnnnatactn	180
aagatngcaa	tnctganmaa	ncctgcntna	tgtncnnnng	tctctnanta	ccagannntt	240
gannnnnttac	tggnntatta	gatggctatt	atctctaaat	tcnggatgcc	tacctggctt	300
ataacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgccacc	tgtgatnnta	360
cccatgaaca	cgtntggat	actgngaaat	atcggatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cntaagannc	nttaataagt	ttaaggccan	ngccnnntnn	480
attcttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atgggtcaact	aatgacatnc	ctgacccatt	ccangngatc	accntccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttggttaan	660
acaagttttg	annggttggg	naanttttta	acaaacgcca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacnccgatt	gntgaaaggg	taatgaatgg	780
gtnnccctgga	acggnggtaa	ntttggaa				808

<210> 5021
 <211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 5021

cttaannaat	ncnttatcgc	ttggctactc	gttctttctg	caggatccca	tgcgattcga	60
attcggcacg	aggtactntg	agtgtttggg	ggttnnnac	acacatgcaa	ttntgcttaa	120
caaaagtatt	ntataatata	gnntcataca	gaattacctt	aaaagggagt	cttatgtttt	180
caactacaga	tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	240
agaaggggtg	tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	cnagcagtat	300
aaaatacctg	tgatttttct	ttacattagg	gataatgcat	aaggaattaa	tcttcatata	360
tattatcatc	cctaattgtag	catggggaag	tatttaattg	cccatgatat	gtattttact	420
tatactatgc	catanaggaa	actataaagt	gattacacat	gtaatcttgg	gtttttcaca	480
tatgtaggta	ttcattttga	gcaagggtga	aagaacanaa	naaatattta	aatgaattga	540
attcctgatg	ggatagtatc	aataagtatt	taaaanccna	gtattctnaa	aatattcagg	600
ggtangggtc	atttttgagt	ttgggnnttc	ttttnogaat	gggtaaatat	ttcaaaattt	660
aaanggggta	caattgggtn	noctgtnggn	cctnaaaggc	cttttatttg	gggnaaccag	720
ccnttnngaa	tnnatngaac	caaggggggt	ttagccaatt	gccaaactcc	tataanttga	780
ttttngcc						788

<210> 5022

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 5022

gnnctaattg	nnggetatcg	aactnccgna	nanaacngnc	ntnogaattc	ggcacgagag	60
gttgctcacc	tgaaggagca	caggaggggt	ttccaggcca	tgtggctcag	cttcctcaag	120
cacaagctgc	ccctcagcct	ctacaagaag	gtgctgctga	ttgtgcatga	cgccatcctg	180
ccgcagctgg	cgcagcccac	gctcatgac	gacttcctca	cccgcgccctg	cgacctcggg	240
ggggccctca	gcctcttggc	cttgaacggg	ctgttcatct	tgattcacia	acacaacctg	300
gagtacctg	acttctaccg	gaagctctac	ggcctcttgg	acccctctgt	ctttcacgtc	360
aagtaccgcg	cccgtttctt	ccacctgggt	gacctcttcc	tgctctcctc	ccacctcccc	420
gcctacctgg	tggccgcctt	cgccaagcgg	ctggccccgc	tggccctgac	ggctccccct	480
gaggccctgc	tcatggtcct	gcctttcacc	tgtaacctgc	tgcgccggca	ccctgcttgc	540
cgggtcctcg	tgcaccgtcc	acacggccct	gagttggacg	ccgaccccta	cgaccttgga	600
gaggaggacc	cagcccagag	ccgggccttg	gaaaagctcc	cttgtgggag	cttcaggccc	660
ttcagcgcca	ctaccacctt	gaggtgtcca	aaagcccgca	gcgn		704

<210> 5023

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 5023

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gnnnnnnnnnn nntttgttnc taatngcngg gtgggtcggn ctttcncgca nnagcnngc      60
ngtgtcgaat tcggcacgag atttcaattc atagcaaact ggtgttttaa actattgcag      120
tagctggaac tttttagtgt aaccagcatt tattggagaa gtgaatcaca aggaaataaa      180
gatgagtaaa agcaaagatg atgctcctca cgaactggag agccagttta tcttacgtct      240
gcctccagaa tatgcctcta ctgtgagaag ggcagtacag tctgggtcatg tcaacctcaa      300
ggacagactg acaattgagt tacatcctga tgggcgtcat ggaatcgtca gagtggaccg      360
tgttccattg gcctcaaaat tagtagacct gccctgtgtt atggaaagct tgaaaaccat      420
tgataaaaaa actttttaca agacagctga tatctgtcag atgcttgtat ccacagttga      480
tggtgatctc tatcctcctg tggaggagcc agttgctagc actgatccta aagcaagcaa      540
gaaaaaggat aaggacaaaag agaaaaagtt tatctggaac cacggaatta ctctgcctct      600
aaagaatgtc aggaagagaa ggttccggaa gacagcaaag aagaaatata ttgaatctcc      660
agatgttgaa aaagaagtga aacgattgct gagtacagat gctgaagctg ttagtactcg      720
gtgggaaan                                     729

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<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5024

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gtmnctaant gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcttgg      240
tgcctttggg atcgactggg ttttaatggc ctagtatttt gaggattttg ctgtgttggt      300
ttccatgtct tctctggtca ctttgatta tatataaaaa tacaggaaat agataaacat      360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggtcttagt      420
gaataacttt acataacctc agtttttaac acatgcatat cttctccaac catgaaatca      480
aagcacggtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc      540
ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg      600
cctgtactgt taatttcctg tataattcac ttaaataaaa gcagggttaac ctcaatgata      660
gcagttaaaa tgttctatct tatgtatttc ttttaagtat taccaa                                     706

```

<210> 5025

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5025

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gtmnctaant gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcttgg      240

```

```

tgcctttggg atcgactggg ttttaatggc ctagttattt gaggattttg ctgtgttggt 300
ttccatgtct tctctgggtca ccttggatta tatataaaaa tacaggaaat agataaacat 360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggccttagt 420
gaataacttt acataacctc agtttttaac acatgcatac cttctccaac catgaaatca 480
aagcacgggtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc 540
ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg 600
cctgtactgt taatttcctg tataattcac ttaaataaaa gcagggttaac ctcaatgata 660
gcagttaaaaa tgttctatct tatgtatttc ttttaagtat taccaa 706

```

<210> 5026

<211> 968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(968)

<223> n = A,T,C or G

<400> 5026

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gtaccaatgc tttgtactn gttcttttcg caggatocca tggattcgaa ttgggcacga 60
ggcggacacc aagtctggac cacctcccgc tgcgttttct actcanagaa acatcnnggg 120
cggngttaan acacggnatn acnggaagca nganncnngg cancagcnna gnntgggggc 180
ctggcnctgc nngctangcc aggatgncca tcccncctt tanactgtcc cttgnggcct 240
gtgctnntna aantggttnc ngtnagcnct gccngnttnc cntattatnc ccacnctnng 300
cttctnaatn ctttatgntc cntntnanan naccttntca tactgtancc catcttntcn 360
tnaattnttt ttcanggatc tntnatattn tntncaaan tccnccnatan tnanntnatta 420
ngtntnngan ttnccatcat attaanntnn antnccattn nctngttnan nntnttctt 480
tctnnnnngn ttnccnnttc ttataatnng taatttantt nctntntatc tactntntan 540
ttctttcaat cttnaattnt ntttaccatn nctnctcatc cgtntntacn nntntcattn 600
ttaactctac ctttctcntt ctgtnttaac ttactnatna tcncttceng ttntttatat 660
ntnattcnct ctnctcataa anctatctnt nctctcnena ttcttgactt tcnctctccn 720
tctcttatat ctctcgtctc ctcncaatat ntctctatcc tctntcnttt cacattctta 780
ttntnccatc nttcggntn tctncttntt ctctctnaca cnttctanac ttctatnant 840
cttccactcat nncnctntnn nntcnacatc ttacnnnnng tgcttnttan anntttannt 900
acatannta ntcctctaata ctatatntca tannactcta ttgcttntnt tctcnnaatc 960
acacnanc

```

<210> 5027

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5027

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gnnntntnnn nnttttttgg gtcttncgct tgttctttnt gcaggatccc atcgattcga 60
attcggcacg agggatcact tgagcccagg agtttaagtc tgtattactg gaaaggggtc 120
ccaatccaga tcccaaacaa gggttcttag atctcacaca agaaataatt caggagcgt 180
ctataaagtg aaagtaagtt tactaagaaa gtagaagaat aaaaaatggc tactccacag 240
gcagagcagc tccttggggc tgctgggttg cccattttta tggntatttc ttgattatgt 300
gctgaagaag ggggtgggtta ttcatacctt ccctttttta aatcatatag ggtaccttnc 360
tggcattgcc atggcatttg taaactgtca ccggtgcttg gtgaaaagtc nacanttgag 420

```



```

ggccaaccca aggncaactct nattggccat ctttgggttt tgggtgggatt cttaccnngn      480
ttnttttact gcaagctggg tttatcatca aggnctttat ganctgnatc ttgggctgan      540
ctccgatctc aatctgncat cttaaaacgn ctnactgtct nggatngtaa cccaatagg      600
tctnaaacct tantttaccc caacttctat ttcaagatgg aatttgctct tgggttcaaa      660
atgccctntt gacaagcanc cagtnaacct nttcancata cccacttgga ntttcaancc      720
tggggtggac aaaaaccaat taccctntt tttaaaaaaa aaaaaaannn nnnnnnaaan      780
na                                                                    782

```

<210> 5028

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 5028

```

gnnnttnnnn tttttaangg ctttggcttg tcntcttagg atcccatcga ttcgaattcg      60
gcacgagtga acttggttcat tttgttttgn ttgggaggaa aataaacaat tttacttttt      120
tccttttagga gcattatgag cattatgtca gaatagaata gaattggggg tcgatcttaa      180
caggccagaa atgcctgggt ttttttggtt tgtttttggt tttgtttttt tatcaaattc      240
tgctgactg tctgcttggt ttgcctacca tcgtgacatc tncatggctg tccaccttgt      300
cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tcnaanggct      360
gctgacattt tgggatcttt cantntganc attcanatcc aagggtctcan ttaaaccattc      420
ccngcatcat tgnttataat cngaaactct gggccttctg tctggnggcc ttaaaagctt      480
ttggggcata atgcaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc      540
ttcatggacc cccaatttaa ttaaaggaaa aactnaactg cantggggggg gttttgnaaa      600
aagggtattt antaccttct ttaaacnaat tccttttttt tttcanggga cctttttcta      660
agcctgnat tgnaccgggt aaccnttgga accctttctt tttggaaaaa aaccattttt      720
cccnaaaaa agggccccct aattttttta aaaatgggaa ttaaccntt ttaancccn      780
aaccnttaaa antttttttt ttttnn                                     806

```

<210> 5029

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 5029

```

tgntnttcta atgctggnnn ctcttggtct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggagac tcagagcctg ggaaggaggc cgctatgcag ggtagcactg ggaacaggag      120
accacctga ggctcagccc tagccctcag cccacctggg gagtttacta cctggggacc      180
ccccttgccc atgcctccag ctacaaaaca attcaattgc tttttttttt ggtccaaaat      240
aaaacctcag ctagctctgc caatgtcaaa aaaaaaaaaa aaaaaaaact cgaggcctct      300
agaactatag tgagtcgtat tacgtagatc cagacatgat aagatacatt gatgagtttg      360
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta      420
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc      480
attttatggt tcaggttcag ggggagggtg gggagggttt ttaattcgcg gccgcggcgc      540
caatgcattg ggcccggtac ccagcttttg ttcccttagg tgagggttaa ttgcgcgctt      600
ggcgtaatca tggatcatagc tgtttctctg gtgaaattgg tatccgtcac aattccacac      660

```

aacatacgag ccgggagcat aaagtgtaaa gcctgggggtg cctaagtagt gancta 716

<210> 5030

<211> 1206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1206)

<223> n = A,T,C or G

<400> 5030

nggggncgat	ttttcnaaaa	aatntccccc	ggngaacggg	gncaccttgg	gggncancnc	60
cangaaccnn	ttttgcnaaa	aacccenttt	ggcncnaana	nnaccnngn	nnancgcnc	120
accnacnca	anccnncnc	acnccanngg	ganccnanac	accgcncntc	nntntaccan	180
actanatcnc	ncntaaacna	cacnaancng	cacnnacanc	accacaccgta	tggttaaccnn	240
nccangcacg	agcacancac	nncnaanagc	ncgccactaa	cggggcgggga	cnacncgata	300
canannnacc	nagnaancnn	acaacanacn	ctacacncga	cnaacaancn	nccagntncn	360
aanccgccag	acnccccann	tcangnacaa	cncncnccac	accacccaga	nnagaccacn	420
tccccnnnca	ccaccenaac	nannnaaacn	accctncatc	angaaccncc	caannncnnc	480
cnacncaccc	nacnncccc	cannccacng	ncnanccnaa	nagacaccca	ccccacaccc	540
ctnncncna	anaacacntn	acaccaccan	ancacaacaa	naacctnncn	ccannacnnc	600
nanannnnnc	cacacnnccc	nancccnctn	nccaanccac	accnncnnc	nccnacncna	660
ancacnccn	antnccactc	nacancanca	cnancccaaa	tancacacca	nccaccacca	720
aannccactc	acacncanac	tatacagcng	acnnnaanac	cctcanancc	nnnccnccnn	780
cnacnnccctc	ncnccaccca	nancnacaga	ctcanctncc	agcannccac	nncgcccnc	840
tnnctcnnnn	acancacnca	tnagcancnc	ncancgnnca	caccncacca	ccnnacancc	900
aatnccacc	cacatccnnc	cncnccctct	atancaancn	cccaanccga	ccgactncan	960
ctngctcacg	canacatcnc	gncgcncntn	cnacactanc	nacnncnacc	tnactctnac	1020
nacgcancc	atcgntccnc	ncnnancaca	nncnnannng	annatncnnc	cctccacata	1080
ccactacanc	atnacngcnn	ccnnnatcnn	nacatcnacg	ccaancncca	cacgaaccnc	1140
acgntaacc	atcacgacna	ccccaccacg	acnngctaan	cgacnacnct	atccaagcnc	1200
tnccg						1206

<210> 5031

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5031

gagnnngnnn	ttnnngnnagn	nnnnnnngnn	nnttnnaaag	ncagctcttg	ttctttttgc	60
aggatcccat	cgatttcgga	gttttttttt	tttttttttt	tatatatact	gcaattttat	120
ttcaatcgca	caaacgaagt	tagcatgtag	gaaacttaaa	tgaaacaaat	ttaaaccgaa	180
tagttacggt	aaaaatagca	gaaaactgaa	aattctaaaa	aggaagtaca	cctaaaagca	240
tgagaattca	acattcatta	gtgtttcatc	ttcagttttg	attgacactt	gatgcttgca	300
aattttttaa	caaactttta	aatcatgatg	actattctga	agagatttca	gcaccagcac	360
taagatttgt	acattcagtt	tgtttgcaat	tgacttggtg	gccatttaca	tagtggatag	420
tacagacttg	tcacagggtc	gatcacagtg	ttgaggaaag	cagtgccttc	ctgtcattag	480
aaaggatccc	ctaaactgtc	tcagcttaag	acatccaacg	tacaagagca	caaaaccatc	540
ataataatgt	ggttccaagg	aacgtggttt	tgataaggta	aataacttag	gcttctgttt	600

cccatttttaa	ttctgaaatc	tctaataatg	acacaaactgt	catgtatgat	agcaaatgta	660
tataataatt	cattcagact	tcttggaaag	aacatttagc	caatctggga	tgatgggaaa	720
tntagcatga	ttcaaacactg	ggtttttttt				750

<210> 5032
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 5032						
gtntttnaat	ttccaactct	tgtctttgcg	gaccctcgat	tcgaattcgg	cacgagggtg	60
ggtcctggct	tcctaaaga	taattggaag	acttcattgg	attgatagag	agaaactgcg	120
taatttcatt	ttagcatgtc	aagatgaaga	aacgggggga	tttgcagaca	ggccaggaga	180
taaggatga	aaaggatcca	ccatatctta	tttgggaattg	ctggattgca	cttttgggag	240
aagaacagat	taaacctgtt	aatcctgctt	ttgcatgcct	gaagaagtgc	ttcagagagt	300
gaatgttcag	cctgagctag	tgagctagat	tcattgaatt	gaaagttgca	tagtatagtt	360
ttgccatttt	aacatttctg	natttgaaag	tgcttatccg	aatctaaaag	tgactactgg	420
taatatattt	natattgggt	taaattaatt	ttaataaatt	atataattat	acataattgga	480
aagcctctta	gaactatagt	gagtcogtat	taccgtanaa	tcnnggacat	ggattaggat	540
accattggat	gaagtttttg	accaaacc	caacctngga	atgccaatgg	aaaaaaaaat	600
ggcttttaat	tttngggaaa	attttgggga	aggcctattg	cctttnaatt	tggtaaacc	660
nttttttaan	cctggccaat	ttaaacc	ggtttnaacc	aanccaancc	naatttggcc	720
attncaatt	tttaaagggt	ttccaagg	ttccangggg	ggaaagggtt	tttgggaaag	780
ggtttttttt	naaaattttn	ccggggcccc	cnngggngccc			820

<210> 5033
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5033						
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tnnactnggc	ngacnngnn	tctgcnngc	cgttgannea	cgnnntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcncnatcna	ngnttnga	aanccaaatg	noctnacntc	180
gnaganaccn	tgtcncnant	nggnnatncn	caattnttcc	aggcntgann	nnccntgcct	240
gnncnncnag	ntacncanta	ggcctaagca	gganactnnt	ttntaccan	nanagttagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnggnctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgccactcgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
ntntnatac	gtgatcctng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gttngatanc	atcttccctac	cntananttt	ctngaaaaan	aaagtttggg	600
ttttgacnan	cactnnacn	atggnnnttg	gttgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	tnttnngngt	nctggaatan	ccgtnnnatt	ccnngacatc	720
attnntagcn	tcnttgtnnt	naantggggg	nnannaccna	nttggttttna	attcngantn	780
aangaaaaat	gcccntnttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5034
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5034
 nnctngnngt tctaagtctt ggngnncntg ntcgctggat nggatcntnt cgttgccttg 60
 tnnactnggc nngacnngnn tctgcncngc cgttgannca cgnnntantn cnccaaangt 120
 anatgatgtg gtatctnatg tcncnatcha ngnttngaana aacccaaaatg ncctnacntc 180
 gnaganaccn tgtcncnant nggnnatncn caattnttcc aggcntgann nnccttgcct 240
 gnnccnncnag ntacncanta ggcctaagca gganactnnt ttntacccan nangtgtagg 300
 nnnnggtgac ccnanatcnn gctnctgnac tcnggnctgc gtgacatagc tagactctgt 360
 ctнанantca agccctcaaa gctngaacgt nttatacana ccctgtgtna attcngangt 420
 gaaacgctgn tgcctactgn aaatggggat ttgggttagc gatnanatag gctaaatcac 480
 nttntnatac gtgatcctng ngtananttc tgcccgaatn ggtngtacgc ntatannaan 540
 atanttcntt gttngatanc atcttcctac cntananttt ctngaaaaan aaagtttggn 600
 ttttgacnan cactnncach atgggnnttng gttgggtgcc tgcttgcttg gtttignaatt 660
 tnnagccccc taanaanact tnttngngt nctggaatan ccgtnnnatt ccnngacatc 720
 atttntagcn tcnttgtntt naantggggg nnannaccna nttgttttna attcngantn 780
 aangaaaaat gccctntttt nncgaaatnt ttttgtggnc ctttnc 826

<210> 5035
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 5035
 gnnnnnnnan atcagctect tggtcttttt gcaggcagga tatecnacgc taattctgca 60
 cgcacgaggg taaggttaca nnagnatgng ttnccttgat nacagggtcac tctcncaaga 120
 tgcgtnnct gcagtcagnt gcataactng tnaaannacc nganatagna ccanttttat 180
 atggtatgac agtgtnnca gtgggagcaa nggtggtcca tagcctgcct atnatatcac 240
 cnatatctgt gaacacactc atngcagant cagggncagc natctgntna atggacttgn 300
 attatgtntg naccntngct tncgtngac nongnntgag cgcaactttc cttanggacc 360
 ttanggnacc nnnntnaacn tactttncan atgatggnnn ttntgtcaat cccggatngn 420
 tncacggtnn cnatggcna aagnncnnc ctttatntna cacgttgaca ttactttacg 480
 acnctagtca cactnttgga ctccattgtc cacatnccctg ntntatgana acnttaaggt 540
 ttacttttac aananntnna cnttggcntt ncaaagatn nncctgcng acctttcatt 600
 ngcaagggn ctnactttt tgcattngaaa aatttttaggt aaagttgctt ttecgctttt 660
 agngcccttt cctaggggta ttaatttggg tgggntcct tncctntnac tttcccttg 720
 gcccgnttt ttncntntn nggaaanccc ccccttaat tnncccccg tgnttttnc 780
 cccnccnca aaaccnggc aaaattaaag gggggggaaa attgccccct tnttttaaag 840
 cccgaagg 848

<210> 5036
 <211> 715
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 5036

ngnnnnnttna	aanatacagc	tggttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggctatta	aaaatgtaat	cagtgtgaaa	attcatgcc	tctgaatcgt	acgagtatgt	120
aagggatttg	agttccttac	agaattttct	gtaatttagt	acttcaagt	acttataaat	180
gtatatactt	ctctctcaca	aaagtgttag	gagaaggaaa	atcttaaata	ctagcttgat	240
ttcttaattt	aataacaaaa	aacaattctc	ataacatgta	tcacctaa	tgctactttc	300
actttaaaag	tctaaagagt	tgaggtttat	ttcttttctt	ttaaagttga	tgtttatgtt	360
ggtgatttcg	aaaagatcag	atccccggtt	atgaaggatc	ttaaccttgt	cttttagatc	420
tccatgagaa	atgcagtaca	tgtagcatta	gccatatttc	tttttttagag	gcctatgtag	480
gatatttata	acctgtaaaa	gtttgatgac	ttcatgctca	ggagaaaagca	agtaattacc	540
tagccaagcc	aggtgggtgt	tcagggttagt	ggtaaacaga	aaggagatgt	tgaaagattt	600
catatctaaa	gggtaaaaac	acaagagaag	tatatagaga	taaacaatgta	aagtataaga	660
ctgntacata	gtaagctcct	ncgaagtggc	agccattggg	attatttttc	tgcn	715

<210> 5037

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 5037

tggtttttgat	cnagnnctct	tggttcttttt	gcaggatccc	atcgattcgc	ggcgggtgctg	60
gcagctgctg	tagcgaagag	agtttgccgc	gatgtctcac	accattttgc	tggtacagcc	120
taccaagagg	ccagaaggca	gaacttatgc	tgactacgaa	tctgtgaatg	aatgcatgga	180
aggtgtttgt	aaaatgtatg	aagaacatct	gaaaagaatg	aatcccaaca	gtccctctat	240
cacatatgac	atcagtcagt	tgtttgattt	catcgatgat	ctggcagacc	tcagctgcct	300
ggtttaccga	gctgataccc	agacatacca	gccttataac	aaagactgga	ttaaagagaa	360
gatctacgtg	ctccttcgtc	ggcaggccca	acaggctggg	aaataattgt	gttggaagca	420
ctgggggggt	tggggtgggc	ttggaacaca	ggtgtgtaca	gcgtgctgta	atggaaaagt	480
ttgnatcata	gtaatcctgt	ttccactttg	gtatctctac	ccagattgac	tgtattagat	540
gaaatgtgan	gatcttgggtc	aatcggaaac	cccgtacctc	ctcttttnc	tctctttctt	600
tnntttttac	ttaacatttt	atgatgattt	anatggaagt	ggtctttngn	acttaatgtn	660
ggttccagnc	cttttaactgg	tcaaaaattta	ctttttacan	tnacattctn	aacctttttt	720
aaanaagggg	ntgggggggtg	gnaaatgcnn	nttaaccc			758

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1278)

<223> n = A,T,C or G

<400> 5038

tnttggaang	tgtagncttt	tttttgggaa	aaaaaancec	ccnttttttt	nggggggggaa	60
naggtntncg	gggnntnttn	atancnaata	cncnatTTTT	tgaanaaaan	nacccttnt	120
cangggnaa	aatatnctaa	attnacatct	acatnnnaa	caaattatnt	ncatcnnatn	180
ggacncatan	tcgacacacc	atTTTntnt	ancacacgtn	naacatacat	ntccaccacn	240
ntnaanatac	ctctctctcc	anttnncann	cacnccctt	ctnntaatac	antacancnn	300
gaacccctn	tcgngggccc	natntatatn	anaaancacn	ctaccatan	atcacacnnt	360
ataatnatca	tncnncatac	ncannctenn	annccaaatg	atgcaatnan	naccacanac	420
tncnntcaat	ccnccanaa	tnTTacnccn	anancnngn	ttannncanc	atacncaanc	480
cacnaccana	tnctctcnnc	nacnnnnnc	ncnannann	ccancacnnn	nannnnnnna	540
aannacannn	nannnannca	tncttctnaa	tatancnacn	anaannnnnc	anacnacaac	600
cactcnngac	tcttaaactn	cntananaca	ctncantnnc	cccaagacac	anntnctnta	660
agatggacna	cctnntaaac	atcnacacct	agatcnatnn	nngncccaa	netanaactn	720
tcaatcctc	cagcnaactt	caactnnnac	nacctnanna	aatctnccg	acacnccnat	780
nnacacnac	ntannnaann	tacaccctn	ctatnanata	ctcacannnn	tnctntntta	840
tatcaanntn	ttntcantaa	aaaccacgtt	naatatcacc	naactcnct	atntcnaata	900
agtacgtca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acanctatng	960
cnacaggant	cnnacacngt	anaacacctc	actatcaaaa	tnncnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaacnnc	ntntaacaan	anatnanatc	1080
tnctnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattcccac	1140
nnctanntg	tnccacacat	aaccgnaatc	nccnnaaaca	catggnaana	tccccactan	1200
tcgnatccca	cncTTcaaca	cnaagancnt	accacnntac	gtanacnaaa	gancttgggg	1260
tnnaaanata	cttncccc					1278

<210> 5039

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 5039

ngnnnnTTTT	nnaanaccct	nnctacttgt	tcttttgcag	gatccatcga	ttcgtTTTT	60
TTTTTTTTT	tgactcttga	gtggatttta	TTTTTgcact	ccaggatgca	gtgaagacgg	120
tggaaggTtC	atcttcacac	cgagggccct	cagtgtcgag	gtgactccc	gcctgaggag	180
ggctgaggca	tcctgaatTT	tgagagttcg	aggTtgaggT	ctaanaaggT	gtacgtgctg	240
taagtcatga	tgtgtcaggt	tcttgtaggT	agtgttgtca	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgccgc	ctcggtcgTc	ccctgcgcng	ntgcatcttn	catgggctcg	360
ccctnggctc	aancTTtaac	gctgctggct	TTTcatggaa	accnngggta	TTTTTcaaaa	420
gaactggctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtgggcttct	attcctgcgt	cctgaggTtt	ccttnttggg	caaggggaagg	ggcccccttg	540
cncttgggct	tttggcaccg	ggtttttTnc	natgccccct	ttgncggccc	caagaagaac	600
ttggctttTg	aacttgnccc	ttntggTtnt	tggncctttt	tttggccaac	acaaacaagg	660
ccncttggg	ctttgccctt	tcggnggggc	nccaaaacaa	ancctgaat	TTTTgtggTg	720
ggacaagggt	naangggTcc	cctttTnaacc	TTTcaaaaan	gggctTTTTg	ggcttttctc	780
TTTaaacnaa	TTTcna					796

<210> 5040

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1308)
 <223> n = A,T,C or G

<400> 5040

ggcttnaaac	ctttgaacnc	gcttattcng	cggtccancn	ttngncgngn	tacnggtang	60
gctgngnnta	ggcnttncat	tgcgangcng	nneccnnngn	gnnnennngt	tgancennng	120
ngncngtntg	gntnagngnc	tacnaacttn	gaanccanca	gnnnnnngcn	ttntgggccc	180
ccactgccnc	gaggnttcca	nncnctagtc	acccnnggng	tacccttagc	nncncttggn	240
tcctctngca	ccnnntcnta	gaaaatnccc	nncnnnannn	gncttcttna	gtgggtaann	300
tcngttnt	tcceccnnt	ggggnncttt	tngtgccac	atngcatcat	tacctntngn	360
nnagtcnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agttncnttt	420
gtgtcgnnen	tagnnanngn	tntanacgca	tncttgnnn	natgannent	netcnngttn	480
atctctcatg	tngcnctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacggnana	tcgntcntnn	anntattnta	nntncangca	cttcntatgt	600
atatnagntg	cgtancgttn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnnana	tcctctgcna	tangtncnat	actcngtata	ngncnctcta	tatntaacan	720
agngtangtc	tntgcgtacc	tcncnngnan	tctannentn	gggtattcat	natnncaccn	780
tntagtnaac	nttacncgnt	gattnatnta	nccnnattcg	tgtananaga	cananncnct	840
natncaangn	nntacgtatn	gcacatanct	atgantnncc	tagatngntc	gtcgaactat	900
cggcaanctc	tncataagnt	gtannnttnan	antnatgtag	tctnctgttn	ntngaccgct	960
atntnnntcg	tancctacncn	atccacnnaa	gananntntt	ngtngnntnn	ntatngctca	1020
aanntnggtg	ttctnaatcc	ccctctctnt	ttntntgnan	agtntgcnan	agttantcgg	1080
nnngtagcgc	nntntacccc	tatnggagag	gnttctnant	tatgcgacat	cncannnga	1140
nnngnaann	acggcngggg	gnttctctct	tggatntatn	ctctantctc	tngcacgnnc	1200
nnngctttnt	canatnaaat	accttgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgatagatgn	cccnntagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 5041

gnnnnttnaa	nncennnggt	ttaganaggg	cngcaggttc	cccanacaan	ctcnntgcaa	60
ganccgtagc	attcattacc	tgtttattct	ctgctgcac	ttacagaaga	gtaaaactgg	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttcctnaat	240
gaaaaanaca	tatngagaat	tgntctaagt	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	gggtgcagtga	360
tgtanacagt	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaagaagtgc	atggggggacc	ctgtgcatct	gngcataatg	gcaaannngc	480
ttanaagggc	cganccgaag	atcnatncng	acntgacngt	tganatgtca	ggagctgacg	540
acgaggggat	acagcgggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	cacctttaaa	nntgnngatt	nacacaactc	cntncaggga	atngnggttn	660
nccanncng	acnttattcc	cagagtgtcc	cagtatttagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042
 <211> 1105
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 5042

gggggncggn	natnaanngn	tnggaaactn	atcncangat	agcgcnnggat	tengantggn	60
ttcgaaaacn	ctncntnncg	atttnaaata	aaatnttttt	cntnttttccn	ctgaggancca	120
tnttgaagg	nccagnngnn	aaanaaataa	gnatnnnggg	ntcaaatect	ancaggetca	180
naaatgcctg	nggttnnnnt	nggttcnttn	tngetntccn	ctcnnatata	anatectgcc	240
ntgacntggn	nnctctntnn	ntcgectnnc	catcnntgac	atcncncatg	gcattgtanca	300
acctntnncn	gntannnnnt	aaacnacact	tgnattgtct	gnantgttng	aaatnnaaca	360
atngcaaccn	cccantnnna	nngggcnnng	ccagnncaan	acttggnann	cttntcanna	420
tnatccnntn	ccntntncc	cncatngtta	ntcacttgta	taacatttca	nnncncganc	480
tttatatntg	nnntnttggn	anngnntann	tancntcncn	ngnanccann	tagagatnnt	540
ggtgcngnnc	tnccataaaa	nggttctatt	tgctnncaacn	ntacatcagc	ctancctctna	600
atnttttagta	caggcnacgg	gaatatttcc	ncnnggngga	caaaatattc	gcgngganat	660
nagntntttt	tnngnncngg	taccccatcc	cgannattat	actnntnnat	angngatnta	720
aactctataa	agtcnatgtc	ananntantn	aggngagtct	nnctngnaaa	anaaangnng	780
ctcatgatct	ctcnntatnt	atnnnatcnc	tcnanncta	caatctntan	ccanttnacg	840
ngcnnnatta	nnngngggnc	anattncacg	tgctcctcta	agncctntgt	gtctananac	900
nganncntng	nantcaancg	cnanagngcg	acacnccgat	actaantntg	nacttccata	960
ccaattantn	atgtntcatn	ncccgacatt	aatnagggtc	nnaatttnta	naatcaatgt	1020
ctnnncacna	natcngncgt	attccaagnt	nataatntntn	aagnnaccnc	tctagcncnn	1080
ananncaactt	tnngtcgtnt	angcc				1105

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5043

gtctaangna	ncagctactn	gttctttttg	caggatccca	tcgattcgaa	tnccggcacga	60
gcttccctgt	ataatactga	tcattctatt	ttagcggtaa	gaacccaaga	aggagtatgg	120
atacctgtaa	agctttctgg	tccttgggaa	gcctctcctt	ctgtgcatat	tattactgaa	180
attcttcaaa	agattctgag	atgctctcag	tgtttcattg	ctactttaat	tttaatcatt	240
atgggattga	ttgctgtcac	agctactgcc	gcggcanctg	gagttgcttt	gcatttcaca	300
gtncaaacag	cagactatgt	aaataattgg	cagaaaaatt	ctactttgct	gtggaattcc	360
caaactaata	tggaccagaa	actagctaata	caaatacaatt	atctncaaca	aactgtaatg	420
tggctaggag	attgagtagt	tagtctagaa	tatagaatgc	anttacaatg	tgattggaat	480
acttctgatt	tttgcattac	tcctcatctg	tataatgaaa	gacagcatga	gtgggaaaga	540
gttaagaaac	atttgaaagg	tcatactgga	aattnacttt	agatattatg	caactgaagg	600
aacaaatatt	tcaatcttct	ctggcacatc	tgacactaat	gccaggaact	gaagtgcctg	660
aaggcgcttc	anatggataa	cagctattac	ccattaaaaa	ggatcaggac	caannaaann	720
aaaaaaactc	cgagccttta	aactttgngg	agtcnnttc			759

<210> 5044

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 5044

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ctctcncnnc nnnncnnntc tctnncnntn nnnntnnntn nnnctcnnnn cnnnatctnn      60
nnncnncnctnn nnnnnentnn cntccntctc ttntntngct ctentntctc ntncatcttn      120
ccnctattnt cntnnntntc nntentcnnn antnctnnnt tctnccnnc canctntcca      180
tnntntactn tcnntntctt ggctntnta tntggggggt ctattnttn ncttaaactcg      240
actngttcca agtctcttan cngcntctnt ctnnctntct ntgcncnncn ctggggcctt      300
aattncccn gctntttatan aagngngnaa ttaaggntc nnncttanng ctntgcaagg      360
ctaagtntta gatccngnta gaanncgnta catggtggga acngacanct tntgcncaa      420
agngggctna ggcanngnnn tntgcaaann ctcnntntc nnncttggn tcncgtagan      480
cggnnncccc tgaattttnn ancnnnganc nttaaantnt ntngnggtac ganncccnnn      540
ncgnnnnnnc gnttanncn canngttaan tgcncocna nnnantcaac tctntntctc      600
tnntnaacn nnnntantct annatntta cnnntnagnt tttctctnct nacnctctg      660
tntntntnn atctntnct tctcnctna tntntatctc ntntntntnc tncctnatc      720
tatctnctac nctctnttcc ncttctccct nncntctctc atcatatccc acgcnactna      780
nccccctnn ctcttacctn nntnctctcn tcntatctcn nnacctctt tctntntctt      840
atnncncta tctctactt attctctcc tattntncca ctacaccttc ntntntctnc      900
nctntcttn tntatntnt actntcncta tctctnctc tctnntgnct cccacccct      960
cttctctcn ctctcctnn nnnactactc tcacctctc nncntnctc ctacnnntnn      1020
ananctctt antttctnc tcatcacant actcttccct ctcatnntca nantaantt      1080
ntnctctcac tctaccactc tntnctccac tcatatnana cttctatant nctaactcta      1140
tcttcttaa cntctctct tctnctcta anctctctt cntcgctanc tcnntncaa      1200
ctcgnaaatc tctccaatnc tncccactc taaaaatnnc nentcngant cccacttttc      1260
ngngcanaat nnaacnncn tcnctccct ttagctatct ctctanaaac cccntttctc      1320
aacaggnaac nccctntntc tcnaaactct catnctncta ctttatatnt cnccaagcct      1380
cncctntgta anagcatctc nctntcncc aatnnaatc tccctnctc natanatntn      1440
anat

```

<210> 5045

<211> 1027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1027)

<223> n = A,T,C or G

<400> 5045

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agngnttctt tcccccttt atttngaaaa annggcgccc tnntcnana attggccact      60
tttctctggt ccnnggggaa tncccaata cgcantnctg gnaaatgtgn cgggtcnacc      120
gatagtccca aaacctctgg ggccattgca aaaaggggnc cccangggnc gntcttacia      180
ngnattntn ttttataccc tnnntngngg gacannctgc cagntctaata cnaancgggt      240
gngattattn gggggnngnc acccttngng cncnnataat atatnnggc tcncatgtg      300
anggcncn ccatangnag tntatncnc tcaatataat tatctntanc anncgcaaca      360
antntatacn ngntgtatac nttgaatnaa gaatnccact nntatgctac gantatnnnn      420
ntngtcnnnn ngntgtntn nctnaante nntnactact tctnctgna cnaantant      480
cgnactnca cncctnnc tanatntgt anttnantc nnnnctcnc tngnnntcn      540
tnacnngacn tanntnnaat gnnanntaan anactnann taannannnc nnnntnttt      600
cntnttcta cgnctncta ncnncnacn nnnntcnntn nctanactct nttnnnnnn      660

```

```

nntantnnnt cncnnaccnc tgatntattn cctcantatn nntnnttent nntnnnnntn 720
ncgctnnacc atacnannac nacatnnnan nncatgatntc ncnntanntc ctncnnccat 780
tcnncatgnc ntntnnntat cctctcanan naanattntnt nnttgannnta cgntgtatgt 840
ctnncctcncg annataccnc atcntnncta ctagatacca cnannnctnt acnntnnacac 900
ntntcnatat nnantatant ctntctacntc ancnanctct ngntntatct gangacacat 960
atntcnngat nacactgntc caantnaact cnagnnnnac canggtcctc gacnctatnc 1020
ncncccc 1027

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<210> 5046

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5046

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ncntntttcc tctcnaatcg nttggtgttc tttntgcagg atcccatcga ttgggtctta 60
cagtatgtag aagcagcaag ttagtattaa tgatgatggt accttggttg atggtcgacc 120
aatagagtct ctgtccctga tagatgccgt aatgcctgat gtagtacaaa caagacaaca 180
agcttataga gataagcttg cacagcaaca ggcagcagct gctgcagctg ccgcagctgc 240
agccagccaa caaggatctg caaaaaatgg agaaaacaca gcaaattgggg aggagaatgg 300
agcacatact atagcaaata atcatactga tatgatggaa gtggatgggg atgttgaaat 360
ccctcctaata aaagctgttg tgttgcgggg ccatgaatct gaagttttta tctgtgcctg 420
gaaccctgtt agtgatctcc tagcatcagg gtctggagac tcaacagcaa gaatatggaa 480
tcttagtgag aacagcacca gtggctctac acagttagta cttagacatt gtatacgaga 540
aggagggcaa gatgttccaa gcaacaagga tgtcacatct ctagattgga atagtgaagg 600
tacacttcta caactgggtc ctatgatggg tttgccagaa tatggactaa agatggtacc 660
ttgctagcac cttagggcag cataaaggcc ctatattgca ttaaaatgga atacgaaagg 720
aaattcatnc taaatgctgg attnacaa 748

```

<210> 5047

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 5047

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gnnnnnnnnn ttttnaaagn ccagctcttg ttctttntgc aggatccctc gattcgaatt 60
cggcacgagc agaaaagtta ctgcagctta aacaggaaaa ccttcttgtt tcaggactgt 120
catagccaca gtttgcaaaa agtgcagcta ttgattaatg caatgtagtg tcaattagat 180
gtacattcct ggnggtcttt tatctggtgg tagctttgtc tttttctttt tcttttcatt 240
acatcagggg atattgccct ggaaaattgn gggtagtggt aoccaggaaa taaaaaaatt 300
aagggaattt ttaacttttc aatatttgng tagttcaagt tttctacatt ttaagtncca 360
gaaactttta caaaaatgcc agtttcgaaa ggtgtttcct tgnnggaagt naccaagtta 420
aaggaagatc attgggtaaa ttactatttt tggnatggaa attttgctna aagtttnactg 480
gtaaaggaaa cacctgctga ctttgcaagt ttaangggga atctattctt cccattttcc 540
aaacccatgg atatggaatg gggccctga ccatgtggga agaggaattg gataatttgg 600
ggtggtttgc natgggggtg ttttagatna attgggattg gggatattta aaattaacca 660
tttgngggaa nttnaatagg cctttnaaga atancnttn aaaatggnaa aaaaaaatct 720

```

tcnaaaaatt	tccaaaaaaa	aaannnnnaa	aaaacctcna	nggncctttt	aaaacttntt	780
nnggaagtcc	nnatttacct	nnnaatnccc	gaccntggat	naaga		825

<210> 5048
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (707)
 <223> n = A,T,C or G

<400> 5048						
cnaatgctgg	tngetngttc	tttttgcagg	atcccatcga	ttcggggcta	gcctgcacgc	60
acgccaagat	ggagctccag	gctagccac	agaacagccc	agccgcagcc	gtcctaccag	120
accagcacct	tgtaaccaca	gtctaaccac	gcgggcacca	ggcggtgaga	cctcctgccg	180
ctgccagccc	aggatagccc	ccttgccctc	tgcccaaggc	tcaggctacc	ccttgaggcg	240
tctggaggac	actaggcttg	acctggggag	tggcatgatg	gggggcaggg	tccgaggcaa	300
cggagaaggc	agaagtgact	tagattgtga	gtgccacggg	gctgaggcct	gcgcgcacct	360
ggtctgctgg	tgctaccagg	cttgaacagt	cttcaaatec	actgctatta	ggcaaattac	420
ctggctcccc	ctgaactcca	gcacctagaa	ctatgtcaca	ctcgtagtag	gccgctgcat	480
tggttgaaca	aatgattttg	aaagaatgaa	tgtcttcttc	tgtgcctgca	tttcctcaga	540
aggctgtaac	aaagattaaa	taggaaaatt	cgtggaaagt	tcaaaaaaaaa	aaannnnnct	600
aanantcatn	nnannnnang	agnntnaaaa	aaaaaaaaact	cgagcctnta	aanctntagg	660
gagncgtatt	acgtanatcc	agacatgata	ngatncattg	atgagtt		707

<210> 5049
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 5049						
ngnttttaaa	tcagctctng	tcttttgcag	gatccctcga	ttcgaattcg	gcacgagaga	60
acacaggtgt	cgtgaaaact	accctaaaa	gccaaaatgg	gaaaggaaaa	gactcatatc	120
aacattgtcg	tcattggaca	cgtagattcg	ggcaagtcca	ccactactgg	ccatctgata	180
tataaatgcg	gtggcatcga	caaaagaacc	attgaaaaat	ttgagaagga	ggctgctgag	240
atgggaaagg	gctccttcaa	gtatgcctgg	gtcttggata	aactgaaagc	tgagcgtgaa	300
cgtggatatc	ccattgatat	ctccttgtgg	aaatttgaga	ccancaagta	ctatgtgact	360
atcattgatg	ccccaggaca	cagagacttt	atcaaaaaca	tgattacagg	gacatctcag	420
gctgactgtg	ctgtcctgat	tgttgetgct	ggtgttggtg	aatttgaagc	tggtatctcc	480
aagaatgggc	agacccgana	gcatgccctt	ctggcttaca	cactgggtgt	gaaacaacta	540
attgtcgggtg	ttaacaaaat	ggattccact	gagccaccct	acagccagaa	gagatatgaa	600
ggaaattggt	aaaggaagtc	agcacttaca	ttaagaaaat	tgggcttcaa	ccccgacaca	660
gtancatttg	ngccaatttc	tgggtggaat	ggtgacacat	gctggagcca	agtgctaaca	720
ttgccttggg	tcaanggatg	gaaagtcccc	ntaaggatgg	.ca		762

<210> 5050
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 5050
 tgcttgctct tgttctttat gcaggatcct anctcccnnt ccnggnagga gganacagtt 60
 actgactntc ccgcagacgt ggtgctcttt gaagggatcc tggggcagaa tgaggtggac 120
 tatnnccaga agcaggtggt catcctgagc cangatagct tctaccgtgt ccttacctnc 180
 nagcataagg cctaagccct gaanggccng nncaactntn accaccnnga tnnctntgnc 240
 natgaactnn ttctnantnc actnanagna atnactgatn gnanagnngt gcngatnccn 300
 gtgtatgact atgntctnca ttnccagnan gtnccgatan ctntccctga tganacnnnt 360
 tgagganaca gatnccgaca cccgggtctn acgcaaanta ttaanggaca tcagcganag 420
 atgcagggat cgttgaacac tataacatcg tcaacttcatt anatnnctnc aagcntgcct 480
 ttanangant tctcctntgn caacaacaga tncctggctt ntanaggatc ntnncatnga 540
 ggttcncaat agatactnng tnggacaaac anctnatnt gtgcaattnn attcctntga 600
 ccatcctttt aatgggaaag ggnctntnna aacggggnaa acccaattng ttgncctaaa 660
 aggggnataa aacctntttt naaacnaggn ntgtangnnc ttcanaactt gnnannaatt 720
 atggccccc ttttaacctt ttaatggctt ttngtcccc g 761

<210> 5051
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (847)
 <223> n = A,T,C or G

<400> 5051
 nngtctatag ctggctctcg ctnttgctgt gatcncatga ncccatnnan nnnantnngn 60
 cccngtgagg nctntnatth gcaccatggt cgagtnangg tcccttcccta aacatgntnt 120
 aaaaatatan atnccgatggc ttatttaaaa tgtccctatg catggngaaa tgntaaatac 180
 cangtggatg antgggtctn nmntatattg tgaatggaga attatncaca atgcatctat 240
 atgtgtanac taataatgta naatatgctc nctntntctg ntctgtgnan aatgtgctct 300
 aaaatnccct gntngtgggt agcatgggct ggacagnnat tgattttcag aaaaatgctt 360
 ggcttttggg ttnttggaac tagggaagcc tgngcgaat tatctcattt gncaanaaaa 420
 anttatthtt ancctattht aatgtatgct atcttcanta cgcttccatc ttatgatnna 480
 aggnntntcn natttctant ccaagacttc gngcntanac tgtcncagtn gggcatttga 540
 tgncttgta ccaagtggaaa cctgaacgga aaggggctnn aggaccnacc ttattcctta 600
 agggccctgg agaaaaaccc gttnanttgg gctccttaga actngctngc nggggaaacc 660
 tggaaaaccc ttgcccctng tttttaaaag gggngnnccct tgggtttccc attngggngn 720
 ctttaanaaa attttggggg ccccnaccna aaatttggcc ccgggggattn cnnctanntn 780
 ggctngccct ttttaantct taanttaaaa aggnccctta caattttggg canttggggg 840
 gnaaaaa 847

<210> 5052
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

```

<400> 5052
agagnnnnnn ntttttncta atggctgggg atagtctggn ctttttncag gtngccnanc      60
gantcgaatt nngcacgagg cttggatctt tgtcnaaacc ggttatgtat gtcaaggagg      120
agttttaaggc ctttccgcac caccttgtgt atccctngcc tgcncagcgc atgtatnacg      180
tggagttgct ccttaccaca ccttanntgc ccttgagccc tatttnctag atttcttngt      240
gggctggaaa cccccgtnc tccaccagcat ntccattatc ccaaactttc tagncctgct      300
gatactanca nnaacggggt ggaaactgga gggcngcggt ctggcngttg tcnaagaaac      360
ttatganttc tattatnagt acaangangn taaaatgggn ccaatatntt ttactaanct      420
catgntatat ngagangaaa ctccatgatg ctgnttcang aagggtggta tngctnggcn      480
gttnacgggn tnnttanggn taccaaantn aactctgctn tcatacctta atctgactan      540
tcnagnattn ttagatgttt gggngnannc atcctcttaa aatnggnacc agggcntggc      600
ttcngnngan gcngtgnnta ccaagtgaac tatatgngnt ctcatcannt gctntangcc      660
nactggaaac acntttgncc cgcaagnnnn gctgttgagt cgatgtactg cnttccatt      720
natggctaca nttgcttatn aggtngc      747

```

<210> 5053

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1014)

<223> n = A,T,C or G

```

<400> 5053
gnnnnnnctg nnnntttaat cagnetcttg ntctttngna ggancctcg attcnaattc      60
ggcacgagg nntgntcctt ntgnncncc cnngntggng anactnannt ggcttgtctt      120
nnnncgnacg cnngaagna cgggcntctc acgcgcntnt gnattgtntg acangganca      180
tgnacctnctn tacnnnngcc atntgntnnt ccaactgcnt gaanggctaa tccntnggect      240
gctctcnann nggntgnntg tggnaaang ngtttggttt aaaanncata nnaatnncct      300
tccatnatte agnctgtntt ttnacngggn anttnatntt caatnctntt agctgntnan      360
cnnccggcann gctcaattaa tncntgnact ctnnatnttc cctnccnttg nanttgcnat      420
cacattaatg cggatcaana tnggntttta tgaggaantt ntctcgactt attaaggnac      480
ccccaacctt gngctagtga tttttcaann ncatgnttgc angaaaaaaa ccctttcaaa      540
aaccttaatg gnaantttct ttgaggetta aanaataaaa tncctggggg gtttacttgg      600
ggggnccaag cgggggggga nttnaanntt tngccttctt tnttttgga acccttttnan      660
cctttgggaa atggaatggg accctcccc cnttttttag gggtaaattc caaanggggc      720
cnttgnnngc ggnccccnna aaangtgggg ganatcnaac cctggcttng ggggatttta      780
aaaaaatttt ttncaaaaa attnggnntt ntttttttt cnnnnncnnn nnaatggggg      840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt tttttctcca gggggnaaaa      900
aaaaaaacct ttttttttt tccnnnnnn naaaaaatgg ggtnttaac ccaaaaaann      960
cccggtngnn nnccttttna aancnccaaa aancnttttt tcccccgna nggg      1014

```

<210> 5054

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

```

<400> 5054
agagnnnnnn nnnttttnn ctacttaatt gcttggctac ttgttctttt tgcaggatcc      60

```

```

catcgattcg aattcggcac gaggcattnc ctgctnggaa cctngtntac taatttccac      120
tgcttttaag gccctgcact gaaaangcaa gctcaggcgc nggtggtcgt tgtgacccaa      180
cctgcagtcg gtccnggncc ggccccccag aactncaact ggcaaacagg catgtgtgac      240
tgnntnanng actgcggagt ctgtctctnt ggnacatttt gtttcccgtg ccttggntgn      300
caagtngcnn ctnatatgan tgaatgctgn ctgngnngaa caagcgnngn antgaggact      360
ctntacagga cccgatatgg catccctgga tctatttgng atgactatat ggcaactctn      420
tgctgtntctc attgtactct ttgccaaatc aaganagata tcatcagang gagagccatg      480
cgtacttttct aaaaactgat ggtgaaaagc tcttaccgaa gcaacaaaat tcagntgaca      540
cctcttnant tgagntcttc acnatctttt gcnactgaaa tatgatggat ntgcttaagt      600
acaactgatg gcatgaaaaa antcaaannt tttgatctat natnagatgg aatggttgn      660
ccttgacttt agcttaaatg ggngcaactt taggtttctt cttgctntca tattatccga      720
aatttcctgg cttatnaact tttttnaaat taccatttgc aa                          762

```

<210> 5055

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1024)

<223> n = A,T,C or G

<400> 5055

```

ntnnnnangn ancnccttga aacgcctctc tngtangcgg atcccatcga ttcggnttgc      60
ananggcaen aggetgctgg gcctggaagn ccttttgggg ccactcgcta attctcatgt      120
gtngctccgg cccctccagc tgcagggtgg tgtggagttt gaggccagca caaggatgcn      180
ggacaccanc gtctccttcg ggtaccagct ggacctgcc aancaacct gcttttcaaa      240
ggtaaaggte tnggtttccc tacgcgggaa acaggcagga agtgactcaa cttntgantg      300
ggatgtntgg gccaccacag gtgctggagg acagngagcn tgnaccctt ntngggcctc      360
cacattaccc ggggaacact tgttaaaang taatgtgggg ccgggtgccg gtngctcac      420
gccctgtaat cccagcactt tttgggaagg ccaangcggg ccnaaggta atgggagaat      480
tgnagaccca tnnotgggtt taaacaccng gtggaaaact tccgttnttt taactnaaaa      540
aattncnatn nnaccnanaa atttaaacc cnggatagtt gggttttccn gggttgccct      600
aaattgggtg nccaaaacct tacntgnngg ggnttttnaa gggnnccgggn aaaaaaaatn      660
gggtnnattg aaaanccncc angtaaaagg ctngggaaac cttttggctc ggagtaaaaa      720
cccnaanaa aancccggtg cncanancec nggaaaatth tcnnnaancc ccctgggggg      780
ccgaaccnn tntnnnncca aanngaactt ntccaatttt tttaaaaaaa ngnnnanann      840
annacnnata aaaangctct tggggtnggg gacaaaaaac cccctntttt nacctantgg      900
ggnnntaatt ggcctttggg gngaaanaaa aannanaana ntnttnnnta taaaaaaant      960
cgggccctaa acnccttga gggntgagat ttnaaaaccc ccttngttta attatcccc      1020
gcct                                          1024

```

<210> 5056

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (822)

<223> n = A,T,C or G

<400> 5056

```

tnnnntnaaa cnnnannnnn tnnntcctg aannananch taannncana nanacnannn      60
natnaaangn cttcnaact ggaaancttc nncgctcnag nagnaagacg gggaaccagn      120

```

```

gncnacgag cnagacaggt nccaattagg acntcatctg gncnctgtc agncatcaat 180
gaggggcnca atgactatag cttggancac agaccacaca cnnngcgan gntgncggc 240
tngaagnatt atncacanct gcgncccca nggggcnagg tgatggagna taccaccatc 300
cttngngtgc ncgagngga atttgccagn nangggaaat ntcagngtgt catctccaat 360
cactttggtt catctactc tgtcaaagcc aagcttacng taaatagnng gggattaaan 420
gannnctttg gcattttaag attccnagg gccaanaaaa ngnanaaacn nntcnctcgg 480
naatgttanc ccngnaggnt ntnatgngag ntanccacct gnctcnttct ttaccnacct 540
nannnnncac agaatnaaga tacttgggtt tctgtatnta aacctgcnat tatgggtgaa 600
nacgacaccg nactcaattg tggatgagta acacaacana tgaaccanac ntgtanntgc 660
tcanttttng accnttntc nnttatnann nagctgaggn cggcaatctt nnnantgggt 720
nccccaaaag gnttggaatg annatcccng ggggttncaa ntngannntt gnaatatngn 780
agcnnaaatn gnannttcaa ncnnntnggg agnaaaaaan cg 822

```

<210> 5057

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1103)

<223> n = A,T,C or G

<400> 5057

```

cggggaaaaa ctctncaaa aaaancagan nnacctnann nnaggaggan cccttaaaaa 60
aatatggagg ccnttgngg gggaccccc ccaaaaacca nccaagaaan aantaagggg 120
ggnccttg ggggggggat gaaaataang ggggggnccn tnnngngngn annnanncnn 180
nnnnnnnn nannannana nnnannncnc nnnnnnnana aannnnnnnn nnnnnnnnnn 240
nnnnnnnn nnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ancnnnnnnn 300
cnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnnn 360
nnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnnn 420
nnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnnn 480
nnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnnn 540
cncannacc ccancncnn cncnncnc cnccccnacc nncnnncnn cncnncnn 600
nnnnnnnn nnancanccc nccccaan cncnncnn nncnccnn cncnccnn 660
nncnccnn cncnncnn cncnncnn nncnncnn cncnncnn cncnncnn 720
nnancnnc cncnncnn nncnncnn cncnncnn nncnncnn nncnncnn 780
cnnnnnnnn cnnnnnnnn nnnnnnnnn nncnnnnnn cncnncnn nncnncnn 840
cnnnnnnnn nnnnnnnnn cnnnnnnnn nncnnnnnn nnnnnnnnn nnnnnnnnn 900
cnnnnnnnn cnnnnnnnn nnnnnnnnn nncnnnnnn nnnnnnnnn nnnnnnnnn 960
nncannnn cncnncnn cncnncnn cncnncnn cncnncnn nnnnnnnnn 1020
nncnnnnnn nnnnnnnnn cncnncnn cncnncnn cncnncnn nnnnnnnnn 1080
cacnnnnnn nnnnnnnnn cct 1103

```

<210> 5058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5058

```

agagnnnnnn nnttntnct actaatggct tggctacttg ttctttntgc aggaccatc 60

```

gattcgaatt	cggcacgagg	gnaaattgng	catnnnnntg	tttgcn gatg	gcnn cnttan	120
ctattnnatt	aangcncntt	atactctgct	gcttaactng	cttgtaattg	cacntnngtt	180
acctgcacat	tttcatatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa	240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt	300
gncatcagcn	gtaantncat	ttntttacaa	atanangcct	gttccatttg	aaanataatac	360
aagtgtgtgg	ncaaaaggaa	gtatacccag	nancaagccc	atgangagtt	tcagcaagtg	420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtcang	tncagtgta	cagctacacg	480
ggatactgnt	ggtgcgtcac	gcccacggg	aggcccatca	gcggcncctgc	cntgncccac	540
aagacgcccc	ggtgcccggg	ttcctnaat	naaaagttnc	cccaacgcga	aggnacatga	600
aaaacagatg	atgccgtanc	ttcanngtnn	ganactcanc	cttaaggnga	ttaagaaaat	660
tttgcataaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaag	ttcccaataa	720
cnaaaaccca	ataaganttc	aatggcctcc	tntggancca	a		761

<210> 5059

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 5059

gngnngnnnn	nnnnngnnnn	nnnnnnnnngn	nagnnnnnnn	gaggnttttn	ngatacagct	60
cttggtcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag	120
cnnctctagg	aagtngaat	ctgatacaag	ctgtgatgtt	gcctgangga	gangatctca	180
atgaatggat	tgctgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa	240
ctattcagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga	300
atatcactgn	canatgggtac	taatattaaa	aagccaatca	aatgttctgc	accaanatac	360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactcct	tttccttcta	420
agattgggtg	ccatttgccn	aaactttatg	tctgtgngca	nanactattc	ttaaagcgtct	480
gntcaggggt	gatgcccatn	tttatcacca	gcactttgan	tctgtgatgc	antgcaata	540
ggaggccccac	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaatct	600
gggtgatagg	cgtgaactgg	caccttggtc	aagaattaat	anagaanctt	ggatcacaan	660
acngattaat	gtttnttnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc	720
tnattgctat	ctggtattng	actacg				746

<210> 5060

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 5060

agagnnttnn	ncnnctgaag	ccctntaaan	nggctgggta	ggctcgtncn	tctccangca	60
gccannngcg	nntcgaattc	ggcacgcagg	tagcgaantt	tnnagtangt	ggtgggcanc	120
tcaccgtggg	nacagttage	ctntctatnc	ctngcntnct	ncaactccnc	gnantngcta	180
aanggctggc	nanaaagcat	gnaaaggact	ccgnaaaggc	cannacataa	cgcngtatnc	240
nccgatctgc	anancagctc	ggntggcagt	gnccactngg	antcgtntta	tgatcgacac	300
ctagagatga	tactggcgca	cncagcnttn	gtncacgcgn	ggctcaactt	ggcnacnant	360
gncacnggng	caggngncc	tggagtacnt	nnccgnaagc	ngtgctnnga	ctnggcntgg	420

actgnntcan	aagactnnta	ngtaaaccgt	atctccacnc	gnatcntgea	actatgctnc	480
ccttggnat	gagnnancag	antgtcatan	aaangntaca	antgcngata	gtgggnncant	540
cacananatg	cacagngccc	ntnttgncaa	natnggacat	cccaggaant	gccagangat	600
canggangcn	ttgaaatntt	angactnnta	antgtcncnc	gcttgtnaca	gagctgnttg	660
aaaggcagtc	ggantgcctc	cctggngaaa	gccacaagtc	nntgacgttt	tggggattng	720
natttgaanc	aaaagcngaa	gaactttaat	taggattctn	cnanccatcc	cnaattgctg	780
ggaattcgaa	atctttaacc	acatggcc				808

<210> 5061

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 5061

taannatcag	ctcttggtcn	ttgaagcctg	ctatnnncag	ctacttggtc	tttttgcagg	60
acccatcgat	tgaattcgg	cacgagtggg	aaangtttta	ttntnccact	gnngttgncg	120
gttaataana	tggtgncaaa	cgtgcncctg	tnacacactc	gantatntnt	ttangaaatg	180
ntnatgtggg	natgattacc	nttagatcaa	tactttaaat	aattttaccc	nttttacaag	240
ggtaaccang	ggcatactga	aacttttaga	cncttncngc	aatnnccnatg	ggggangttg	300
ggtgangctt	nggateccctc	ttttnggttt	tgcacgntgn	aanngangtt	nccagntggc	360
atnttgaata	tgctgctttc	caaaaaccca	ngaagtnta	aaattgcttc	ctggnccttag	420
aggactaana	acaagaccct	cattcccact	ttcatttnca	ctctagcaaa	aactgggctt	480
gcgtantttc	ccanctactc	gnntatatcc	tcnttccatg	tncaaaccct	ncattcctaa	540
gnnggattgg	cttactttng	cccatccata	tggcagnatn	tntaatagct	ttgnaccggt	600
attagatctt	ggccttaggc	ccangttcaa	aacaagtgcc	natctatgac	cagggnccaa	660
anaaaaaana	tccaggattt	cgaangagan	acnntncatt	gggantnaag	actcntacna	720
agtccttagc	cnttttcata	aaagcctggg	cctctaattg	ctgnnaccat	tttaanggga	780
canttataana	an					792

<210> 5062

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 5062

tttnaaancc	ntggttnaat	ncctnnttga	anccttttta	tgatacagct	cttggtcttt	60
ttgcaggatc	ccannnnncag	gcttgaccca	ccgcgccag	cctgtaattt	cttatacttn	120
gtatnttgta	cttgatttat	gcttctgata	cgctataatn	atztatgtac	atgttttttt	180
ncncaatan	actgggaact	cttcgaatgt	aggactnnta	atgctagata	ctcaattatt	240
ttntattaaa	ttgaatgact	ngaaactaca	gaccttnat	ntaaacttcc	caaatttatg	300
ctgtatttaa	nengctcttn	aaatctggtc	nntaangnga	attntnaagg	cttgggacat	360
gcacatgatg	gntgtattgc	caactgngaa	aaggatgatg	nttactggag	caggggcaag	420
gacacctggc	ccgcgccgga	gcaaaaactg	ntcaaccaca	aacgatagca	ggaaaaggcc	480
tgtgncctnn	gcaacantgt	nttgctgcag	ataatnncnc	agagcctgnt	tctctgntct	540
tnctgagatt	gctttgggtc	cataaangat	tgtttttagct	aatctacaat	ctatagaagc	600
aatgntanaa	cttgggtttt	tggantaaan	ngnnggggna	aagnttngna	atgtgggntg	660

tcaanntttt	gaaaaaannc	tnnatacnan	caaaaanttna	nccatttttna	atnttttagng	720
gnggantant	ttnatnnann	nttnntagan	actntgtntga	gtttgnaaaa	acccaaantn	780

<210> 5063

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5063

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcnna	tcnattcgaa	ttcggcacga	60
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tggaattact	tcagcaaaac	tnccccatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaataagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttgtg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatect	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcaacta	ncattggctt	gcttcagttg	ggcctcttcc	cancaggtat	gcccaggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5064

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 5064

gnnnttttnn	atctgctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
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ttggngacng	accccnngctg	ttgacttttg	gaccnatacc	tttgannttt	ggcntgcctt	180
cntagnctt	ggaattccct	gttttccagc	ccancccnna	tggtatgtat	attcnttaca	240
agtnctccna	aagancannt	gtctaggatg	cggggagggg	aggttccttc	cntangggag	300
cgtgganaga	agggagcagc	cttgggggtg	nattntnggt	natgcntcan	attgggcatg	360
catgggatgg	nanangggct	cagccactnt	cctncagaat	cttcctnaga	ccctncaact	420
gcantatgta	atnctactct	gtncttcata	naagggangg	agccacatat	gacattccag	480
ttctaagccc	ancatggang	aacangncta	tgtccccata	ngtgangtan	aagtagaggg	540
cttcacctgn	cagtatnccct	gccgctactt	cctcacataa	ggaangacga	agaagnaacc	600
nggacctcgc	tttnccatgg	tgcantcagg	aacanggttt	tacgcagctg	gccaaactntg	660
aggetntgct	gnctttttct	gtggncagtc	caggaaatgc	ttacaccacc	ttttttccca	720
ctnttncctc	ttggattntg	ggggnccnc	aaaccggaat	tnn		763

<210> 5065

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaacccatt	tctcgttctg	caggatcnna	tcnattcgaa	ttcgggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggctctgc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncatga	acagctaata	tgtaangaaa	gantgancta	180
gcaaatgagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttcag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatcct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgactta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gcccggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accncctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	tnttgtctac	taatagntgg	gttggntnnt	tnttctncac	gcannccagc	60
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cattaaaaatg	aaggcatcta	atggctccat	tatgtctttt	agagtgggtc	ggcccagcta	180
attgcataat	gaaatacatt	agatttgtca	taaattactt	tcctttattg	tcttttctgt	240
caatcttagg	acattaaatg	tatatgtttg	aaattgtgtt	taggtagggt	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttcaactga	agccccaggg	gctttgggac	360
tgataggggt	tagaacattg	cactagggga	aatgaattgt	aaagtaatgt	tntttctcta	420
gactaatgat	tcagctgaat	taatactttt	aatgtgaagc	atttttaaag	aaagcaaacc	480
agcctgggtc	ggtggctcac	acctgtaatc	ccagcacttt	gggaggcaga	ngcgggccgg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtctctacta	600
aaaatacaaa	aattagctgg	gcataatggt	cntgcctgta	gtcccactac	ttgggangca	660
nangcaggag	aattgcttgn	acccgggana	tggaagttgc	atgacccaaa	tcggggccctg	720
nacttttacc	tgccacanant	gagant				746

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5067

```

gnnagnnnnn nngngnnntt tnagatacag gctacttggt ctttttgcag gatcccatcg      60
attcgcaagc attcaagaaa taatggtagag aatagcctgc taatagcatt attccatag      120
caggttgatg ccgccttacc tttggacatc ctaacctatg aagagaagac cttgtcagcc      180
atcttgagaa tatgtagcag tggctctgtc aaattgtgga gctctttgac cctgttagga      240
tcctataaaag gcaaaaaaat tgctttccgg gtgattcaag tttctccatt tcttcttgca      300
ttatctggta atagtaggga actagtattg gattgaatga ataagtcttc cattttggaa      360
acgttcaccc actctcatat ttattttttg gtgcctgcat gtttgaagac tgaagcaggc      420
taaaagctct tgatgaaatt tgagggtgct gaagatgttc ccactaattt ccagccatca      480
cctttggtgg ggtgggcttc ggaggacaag tctgtctgaa cctgccagtg ctgaccctgc      540
agcactttca gcatatgcac atcaaaaagt ggagaccgcg cctgaactta nganggcctt      600
cacacagact gatgtggcta cccttctcag aattaacagg ggatgtcaat cctttgcatt      660
tgaatgaana ctttgcaaaa cacaccaagt ttgggaaatn caattggnca tgggaagttt      720
tgacaacgga ct                                     732

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<210> 5068

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 5068

```

gggntttata tatcagctct tgttcttttg caggatcctt cnatcggtan ncngnnncgan      60
ctganttcgt acnnagnct gctnntacct gggctnactg gannnctcca nctacncagg      120
cagnaggatg gnagctnaac tnccangang agcttgcaga gnnccctgna tccgtgccac      180
tgcactccag cctggcctna cancanccgn gactcnngnc tnntaancct aaaagnctcn      240
ttatcagcat gcntcccat ganagngtcc tacatnctgn gacattcacc tatattccng      300
ggncctntta attnncacn actgctctta gangtcttag ncttttatgt taattctnat      360
aaatncnatt gaatanatat tatncccaaa tcttagtggt ngcatnttag ctattnaanc      420
ctntccaang tangttaaag gccaccgttt tcngatnaat nctnctttt atantcnatc      480
tggaatanag catttctntg agaataaaag anagttntt tnaanaatag gatcttttng      540
ncccttcggg ncgncctttt tgncccntag ctgcttttgg gcaantntga agttgagnga      600
tcnnctttgt agccctagga atttccanan ttgcnctgnt gtnantggaa cttctnancc      660
ttgtgccnan agnantnatn nccctntn tttttaaaaa nnaattngtt tcaaanttcg      720
nccttntttt aataggcttn anatgnttat anaccnnggn cnaagttntn caatcttnan      780
tcccttttag nntccnaatn aatntaaant ccttnaatng                                     820

```

<210> 5069

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 5069

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nnnnnnnatn atnnnnntnt nnnntntntn nnannntnt ttnnnntntt ttggtgaggt      60
naatcttctn ttanccctca nntntcgtc tnttgcant nccngtcgat tcngataact      120
agtcaataag gaacaggatc aacggccact ccacccatgg caaatccaca tgcagggnnt      180
ctncaccaag gttccagcct ncaaagtga anacgccttg gaacagcnag ggaggtnaac      240

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aataattnaa	nananagaan	ggaataacgg	cnnaagaaaa	ngaaaanaga	ancgaaanaa	300
ctaangntng	aaaaccaccc	ggaaaactca	aggaatcaca	atcctaanaa	gccccaaaag	360
ggacaggang	ctnancttga	ngctgggtgg	gaggaantcc	ctgaggccaa	tggctctnca	420
tggaananga	gcnagaataa	gaancanngc	aaggacancn	ccncttagga	atangcacgc	480
gttggcgcng	ggaaaacgaa	ncngangcac	tctgaanttt	aaacatatcc	tnagaaacaa	540
caanatnaag	cttccagaac	attctgaagg	gcnganaacc	agaataccat	naagctcctg	600
caaaaagtta	attnnnctgg	aagggaacta	ttaaancatt	ctnaaacaag	ccccaaacaa	660
tnaaataacc	ctcaaaaagc	taangaaaaa	agttttttnc	tantactaca	caggtgacca	720
gatttagcct	tnaccagatt	tccaaanaag	gaaactncct	tgggtcattc	ttttaacaat	780
gaaaaattta	tctacntaaa	nccttttcct	tttaantttt	tttaaaaagg	gng	833

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 5070

agagnnnnnn	nnntttgtct	tntggctcct	aanaggcttg	gctacttggt	ctttttgcag	60
gatcccatcg	cttcgaattc	ggcacgagga	gccctcttat	tgtatatact	gaacgcattt	120
ttaaattgaa	gagatactat	tctgtgtatc	tttgaggcgc	aatgagtcct	agggtggcca	180
gtgtctcact	agttgagatt	aaatttttgc	ttatacttgt	tgatttgact	gccttctgaa	240
tagtattagg	aacacattgt	aaatttgttg	ttgatggctg	gctgaagttt	tccagcacat	300
ttcttgaggt	tgccaagttc	ttctacaatg	actgaatcta	ctcttcattc	attctagtca	360
gcagtctcac	acttaattcc	aaggtttact	taagattttt	ttctgaaaaa	gcaatgcttg	420
ctttccatat	ttgcataatt	tttctctgcc	ttaatagcag	aaacaatggc	ttcatcttgc	480
atttgatatc	gattctttcc	attgatatat	cttgctccta	ttagctagtt	gtttccact	540
gggtgcagtg	gcttatgcct	gtaatcccag	cactttggga	ggtcaaagcg	ggaggattgc	600
ttgagcctag	gaattcaaga	ccagtctggg	caaaatagtg	agaccccatc	tgtcaaaatg	660
aaaaaaaaaa	aaaaaaactc	gacctntaaa	ctatagttag	tcgattacgt	agatccagac	720
atgataagat	ncatggtgag	t				741

<210> 5071

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 5071

ntttttnaaa	acnacangct	ncttgtgcan	gatcccatcg	attcgaattc	ggcacgaggg	60
tggctcggnc	tgtngctgng	gtttcctgag	ttgctgctgc	tgcgggcgcg	gcagcggcgt	120
ctgtgcttgn	ggaggtgtcg	gcctntgggc	ggatggtgac	attgtgttgn	tgttatngct	180
gatggtaatg	gcnnccggcg	nggcngctga	cggtccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncncgg	cctcgnatcc	ggcagcagng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncggtncc	cnngagccaa	cccngggagt	cangnccnt	360
nngcatggga	gctcgnaagc	tnangatggn	ngatttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cggccctgga	ggagcagctg	ctcaattact	caacggacce	ggtggctcgtc	480
ctcggatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaatc	tgaattgcct	540

anttcattaa	ctggaaaant	cactcctgaa	gaatttaaag	ccngcattaa	cattantnac	600
aagttggatt	aanaaaaacc	ttctgtaaat	gtccgttnc	ncttagngga	ngccttnnat	660
tgctgctgcc	attangtn	ntttgtggcc	agtnnttggc	tnaattaaag	aacnctaaaa	720
ngttgagnat	ttantagaat	gggaaaancc	atccgttnnt			760

<210> 5072

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 5072

gntttactna	tatcagctct	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggaccgcca	attctaagat	tgtagtggta	actgcaggag	tccgtcagca	agaaggggag	120
agtcggctca	atctggtgca	gagaaatgtt	aatgtcttca	aattcattat	tcctcanatc	180
gtcaagtaca	gtcctgattg	catcataatt	gtggtttcca	acccagtggg	cattcttacg	240
tatgttacct	ggaaactaag	tggattaccc	aaacaccgcg	tgattggaag	tggatgtaat	300
ctggattctg	ctagatttct	ctaccttatg	gctgaaaaac	ttggcattca	tcccagcagc	360
tgccatggat	ggatttttgg	ggaacatggc	nactcaagt	tggtctgtgt	gagtgggtgn	420
aatgtggcag	gtgtttntct	ccangaattg	aatccagaaa	tgggaactga	caatgatagn	480
gaaaattgna	aggaagtgca	taagatggtg	gttgaaagt	cctatgaagt	catcaagcta	540
aaaggatata	ccaactgggc	tattggatta	agtgtggctg	atcttattga	atccatgttg	600
aaaaatctat	ncaaggattc	atnctgtca	acnatggtaa	aaggggatgt	ctggcattga	660
caatgaannt	ttctgagcct	tncatgtatn	ctcatgccc	ggnattaacc	tcgtnttnac	720
ccnaacctan	ggatgatagg	tt				742

<210> 5073

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5073

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tcgattcgaa	ttcggcacga	ggcccagag	ggaacctcct	ccgctggggg	acgggaagcc	120
caccgacttt	gaggatctgg	aggacggaga	ggacctgttc	accagcactg	tctccacct	180
agagtcaagt	ccatcatctc	cagaaccagc	tagtcttcct	gcagaagata	ttagtgcaaa	240
ctccaatggc	ccaaaaccca	cagaagttgt	attagatgat	gacagagaag	atctttttgc	300
agaagccaca	gaagaagttt	ctttggacag	ccctgaaagg	gaacctatcc	tatcctcgga	360
accttctcct	gcagtcacac	ctgtcactcc	tactacactc	attgctccta	gaattgaatc	420
aaagagtatg	tctgctcccg	tgatctttga	tagatccagg	gaagagattg	aagaagaagc	480
aaatggagac	atttttgaca	tagaaattgg	tgtatcagat	ccagaaaaag	ttggtgatgg	540
catgaatgcc	tatatggcat	atagagtaac	aacaaagaca	tctcttttnc	tgttcagtaa	600
gagtgaattt	tcagtgaaaa	gaagattcac	gactttcttg	gtttgccagc	aaaattagca	660
gccaatattt	acatgttggt	tatattggng	ccaccacttc	cagaaaagag	tttagtaggg	720
atgaccagg	gc					732

<210> 5074

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 5074

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angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttacn	atgtgattgc	ctatatgncc	tctnnacett	gaatacntnt	300
gntatncnan	ncanagtntc	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggettcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tgagtggtca	gctggataaa	540
gagtgaataa	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tgccagctat	aataggggga	cccaaataa	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tggggaatgg	caggggaatc	ggtaggcccc	anggttccaa	720
aaatgttacc	agnggncaat	tttgttggcc	ccatgggtgg	gaatccaang	gc	772

<210> 5075
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 5075

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tcgattcgct	gtgaagacct	ggaaacagac	aaaaaagagc	ttgccaagct	ccagactgtc	120
cagctggatg	aagatatgca	agacttatga	actttatttc	ctcctcacct	ctttttggca	180
tcagcggcaa	atcttttcat	gaagcccca	ggacacaaaa	cattttccca	tttaaaggaa	240
aacactctag	ttttgcaagt	atatgcatac	aagagacttt	agattgatct	gcatgaagat	300
cacagttaag	tatacaggag	tagaactgca	ttattgcagc	ctttttgttc	acttataaat	360
ttctctttta	aatagatgga	gacaaaaggac	aaggtgaaat	gtatcaagtc	aaagtgaatc	420
athtagttga	ctctataatt	ctaagggtcaa	aatgggaactt	gatagttttt	taaattaaaa	480
aatgtataca	cctaacatag	aaaattaaag	atagctgcag	accattagaa	ataatacaat	540
tgtttttgtt	tacttttact	ccatgggcat	tgaaaagggt	aagaaacata	aatgggtccat	600
atttttaaag	ttaagtagca	tgcatatata	tatgcacaca	cacctctttt	tcagcatttt	660
ttgagaaagt	cttgggggtc	caaacacatt	tgtctcaaca	catttccaaa	tgtggattct	720
aatagctcan	tgtggctgaa	aaagtgcena				750

<210> 5076
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5076

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gattctaatt ctgccgnacn cngagtaaaa gctggaaaat nacctataaa taatggcana      120
aaaaaagcta acaatangga agaggaacta tataaaagga acatttggag catagaagag      180
agttcatgga aatgtnaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta      240
agggtaagag ggtcatgaaa gcatctagaa gtaggaggga aagccagtca aattcacagg      300
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgagggaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc aacagtggac ccagttaata gcngatcagc cnaggataag      540
atgccctaga agatggtgaa gggaaagtct cagaactact ggtcttcagc aggcagcgaa      600
gacacctgat ccatattgga ntggtgggga tgcgaacttc aggaagggat gcccccaagg      660
aaaaattggn aaggngtgat gactgncttc aanagggtcc aggtctttta aaaattttcc      720
ctnccaaccn tcacntttgg ctttngaaan ccncgcctga t                          761

```

<210> 5077

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 5077

```

agngnnnnnnt tttntctctc gcctaattgt tggctacttg ttctttttgc aggatcccat      60
cgattcgaat tgggcacgag gacnancct ngcgcctgcc tntccangat gtctacanaa      120
ttggtgggtat tgggtactgtt cctgtttggcc gagtggagac tgggtgttctc aaaccnnta      180
tgggtggtacc tttgtctcan tcaacgtttc aacggangta aaatctgtac naaatgcacc      240
atgaactttg agtgaagctc ttccctggnga ctatgtggnc tncaatgtca agaatgtgnc      300
tgnnaangat gtcccgacca aggcaacgtt gctggtgacc gcataaatgn cccaccaatg      360
gaancatctg gcttcaactgt tcangagatt atnctgaacc atncatgcca aataagntnc      420
cgntnatnnc cctgtnttgg attgccacac ngtttacant gcatgcaagt ttgntganct      480
gnaggaaatg attgacnnn ntctgnntan aagntagccn atggccctan attcttggac      540
tctggtnatg ctgncatngc tgatatggtt cctgncaagc ccatgactgt cgaanagctt      600
ctcaagacna tncaaccttt ggntcncttt cgtgctacga ggatattgng caccggacag      660
ttgccgnagg cnttttgatc aagggccent ggacaaaaaa gctggtcgaa cctggcnaag      720
gtnaaccaan ncttccccct aaaacttcan naaggnaaan tgcan                          765

```

<210> 5078

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5078

```

annnnnnnnn nnnngncnnc nnnnnnnnnc nnnnnnnnnc nnnnnnnnnn nccnngnnnn      60
cnanncnann ggggnnnncc gntnaaaacc ggtngcccn gcgcncgggc gggngggcnc      120

```



```

nnanccgaat ncngcacgna cggggccgnc ggngggaccc tgggntgggg gcnagaanca 180
nccgacgcng gccagaanag ggggnctggn gncccaagan agaanncatg antagnacac 240
tgganacnaa anccgtgtgg ggacacatga ancccnanc ccatgngtcg nancctgccc 300
anaagtgant gtgnagntna ctggaagtgt ggntccaac cgncaaaccg tgggatccca 360
aaacnncang ncaagccagg accttngcac agcccgnaaa ggnanatncc cnctnaannng 420
tctngagacc cgggntgnct gggggaaaca gcaggcccg acantgnnng gngtngggac 480
ttancggaaa catgggtaac gtngcancag cgccacggga gtccaacccc tgaaaatacc 540
caganctcgc gtgnanancc aaccgngnnc ccaaaacaaa gcnaggggnt atgggnttaa 600
aancccccna nttnaanagc ccnccgnggg gnaannangn agnntttttg ggancccaaa 660
ancccnngga gggggcccag ganncgaaaa aangnatncc cnttnaaaag gncnccanga 720
actnanaaag gganaaccan nntncgnggc ccaatntnac cccaannca aatncccnnt 780
tccgtgcngn cccaatnate cnccnagtnc cattntggcc ncnagnggng ggggncnnc 840
aaangncttc ttgnaaacan atnggggaaa cnttttnacc aaaaaanngc gnannngggg 900
cccaatancc accgggnccc ccccanannc annggccann ancntgggccc tccaaaaaaa 960
agaaanngg 969

```

<210> 5079

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5079

```

agagnnnnnn tttttgtctc taatggctgg ctacttggtc tttntgcagg atcccatgcg 60
attcgaatgc ngcncgaggc nttagttgct nnttgaaaag ggaactgcac ntgatcnnat 120
catggaanga tagctnact ncttnccgac cttggtcaca ggccgncatg agganggact 180
gttccantgc tncngngggc nctgncntgn tntcatcac tggnccttagc tttggagtac 240
ncaactccaa gtggcccgag tctagactct atcaaatncc acactgatag caacaatgan 300
tgcactctgat gtgtgctgct ggcnatctta agcccaaaat gcttcaaaga tnaaacagnc 360
atatacattn aagatacata tanaaatngt mnaattingaa tgtatacaan ntagattacc 420
ctaacgaact tcactacaag aaatncatct tatatccnng cacmnaaatg tgganntnta 480
catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540
ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600
aaatcnttac ccngttctcn agcttctata ancagttctt gaaggggatta nacagctggc 660
cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720
tagaactata tgagtcggnt tacgtann 748

```

<210> 5080

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (949)

<223> n = A,T,C or G

<400> 5080

```

gnctacttt nttatcntan cactctgctt tncgtcatca tcgantccta tnatgtgggt 60
tnacctnatg cgggnntaan ccagnaacan cntggcccat gtnncontga actcacattn 120
tgttcatgna ttccagaatt nttnantgga nagattaata gncagaaacc ccactaggna 180
canatcacna nacngacgct tntagcttgn agacctntta ggcanaaagt annaannana 240

```

ntnggatctt	gcngncctta	atctcttccn	ggaananggg	cctatagntg	gcnacttgga	300
aaacacggcn	ctgntccann	gtttntgtcc	ccnnaccgga	gacaccacna	gtgtcacctc	360
caaggggggn	cttcaaannt	tgggggtgcg	ccggtacctn	ttgaaaatga	aggtcncccc	420
caaagtgggn	gngagttnc	catncctcgc	cccttgnggg	ttnatattggg	ngaacctcnt	480
tggncctctn	tttttacttt	tagggggcan	ccccattttt	cncctttggg	accccttng	540
gattttgtcn	ccttgggaaa	acaatttttc	ggggncctaaa	actttanaat	tnaannttgg	600
tttanagcna	anantgtggn	cccaaatgg	gtacangggg	gttncctcaa	caaaagccgg	660
ctctttttga	tattgcatac	ctcaatnccc	acttgtcaat	ccntttttaa	ttactttanc	720
ctctaacata	atgaatntta	ncgccctnan	aattccntcc	tganatacat	gtgangcctn	780
ttgcctgana	aantgacacg	aatnatTTTT	naanngatct	nntganannnc	nctcancata	840
cgatatntta	cntctngnct	tnagaanaact	cttttattnnc	ctggnagatn	aaaanggtan	900
cantntaang	ctntnttgtc	atcctcanag	ganttaangc	tataaaaann		949

<210> 5081

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 5081

ngnttnaaca	cctgntgtcg	ttctgcagga	tgnanganen	ctngnttcga	angngcnang	60
ngtgcattgat	nctgncnnnn	nattgctagc	gntaanaccc	ncgaggaggat	atggatnccct	120
gnaaagcnct	ctggctccttg	ggaanccnnt	ccttnngtgc	ntnttattac	tgnaattntnt	180
canaagattn	tgagatgtc	ncagtgtcnc	attgctactn	tnattgtaat	cattatggga	240
ttgatacgct	gtcanaanta	ctgccagcgg	cagctggagt	tgcttngcat	ttcacagtac	300
anacagnaga	ctatgtnaat	aatnggcaga	anaattctac	tnngctgtgg	aattcccaaa	360
ctaatatggg	ccagaaacta	gctaatcnaa	tcanttatgt	ccaacaaact	gtaatgnggc	420
taggagattg	agncgttagt	ctagaatata	gaatgcagnt	acaatgtgat	tggaatactt	480
ctgattnttg	cattactcct	catctgtata	atgaaagaca	gcatgagtgg	gaaagagtta	540
agaaacatnt	gaaaggncat	actggaaatt	tacttttagat	attntgcaac	tgaagggaaca	600
antttttcaa	tctttctttg	gcacatctgg	acacttaatg	ccaggaactg	aagttgcttg	660
gaaggcgctt	caaaatggga	ttaagcaact	attnacccca	ttaaaaatgg	atcaagacca	720
mnaaactana	anaaaaactc	gaacctntta	aaaccattan	tgangtcgga	ntaccttan	779

<210> 5082

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (935)

<223> n = A,T,C or G

<400> 5082

atgggnatgg	nnnnnnnnnn	nnnnnnnttt	ttttgtttaa	aaaccctttt	naaaaattgg	60
gnaccctttt	nggggtntaa	attanaatcc	ctnttgagg	ncttnntacn	ctccctcnaa	120
naanttaana	cactantatg	gccgtntttt	tcccnccnta	cctttgntnt	acacccccat	180
tgtgcnaaaa	gntnncgcaa	nnggtncgca	ccaaacnttg	acannctcta	tagtaanttt	240
acnacncnac	ttgnncactt	cgccanctct	tnaacgcca	actagtagca	gaagtactcc	300
acccttnaan	aaaacanaca	actaangccc	ttttactgcc	ctcatcatcc	nnttangnac	360
ctgcttacct	atgaatgcct	nttanacata	canatntaat	acctggaaaa	tcattccaccc	420

```

ngccncata ttcaaacnan acaacacatc cnnacactag anactcttgc cccacatcc 480
tcaggtnana caaaacanaa aaggnttntc nencatantt cttactggcc ntncctgaac 540
tangnaccgc atncaaacca cntcatcnc tntantttc ncttgctcct tagccagott 600
ctgncctgan aaccnccaan ctggaaaaac acatctnccn anatccattn cttgngatca 660
caaanacnnt nnnccgcggn ctcaannncc tactcaaaga tccactgtcn catctgncce 720
cctanacccc tttncntang cattcctaac tttntanaca aactgcttta cnccttagtnc 780
anggaactnc taccttgcac catcncctnt tttntcntna ctttcttctt ttgatcctta 840
cncctcaaag ggccttnnga ancnttgacc cnanaatnaa atttaattcc ccnttnttgg 900
aggngtcctt cnaaacnan tttntaaaca ccccn 935

```

<210> 5083

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 5083

```

ggntttnaan ntcagctctt gttctttntg caggatccct cgattcgaat tgggcacgag 60
gcaagacagc cacatttgct atttccatcc tgcaacagtt ggagattgag ttcaaggaga 120
cccaagcact agtattggcc cccaccagag aactggctca acagatccaa aaggtaattc 180
tggcacttgg agactatatg ggagccactt gtcatgcctg cattgggtgga acaaattgtc 240
gaaatgaaat gcaaaaactg caggctgaag caccacatat tgttggttgg acaccggga 300
gagtgtttga tatgttaaag agaagatacc tttctccaaa atggatcaaa atgtttgttt 360
tggatgaagc agatgaaatg ttgagccgtg gttttaagga tcaaattctat gagattttcc 420
aaaaactaaa cacaagtatt caggtttgtt tgctttctgc cacaatgcc aactgatgtg 480
tggaggtgac caaaaaattc atgagagatc caattcgaat ttcttggtga aaaaggaaga 540
attgaccctt gaaaggaatc aaacagtttt atattaatgt tgagagagaa ggaatggaag 600
ttgggataca cttttgtgac ttgtacgaga cacttgacca ttacacaggc tgggnattttt 660
ctcaatacna ngcncnaagg gtggacctgg cttgactgag aagatgcacg ccnngagact 720
ttacagggtc ttgcttntgg cttcgcgga at 752

```

<210> 5084

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (728)

<223> n = A,T,C or G

<400> 5084

```

gnngnnnnnn nnnnnnnnng nnnnnnnnnn gnnngttttt taganacagc tcttgttctt 60
tttgcaggat cccatcgatt cgcncacnc aagngntnag ccnactncnc ntcaannnna 120
nactgggcan ggatnagact catannaaca ttgtgctgca ttgagcaccn cagattcagg 180
gagccatcac cactacatgg canattgtga tctataaatt gctggggcat natcacatgg 240
ntccattntc nnaatggnc aaggatgctt caccatcga ncngggctat gttngatn 300
cctggtcatt ggctaaactc atagctnanc gtaancggan tataaccatt gacctatgct 360
ngtggacatt tgacaccatc agtgtactta tnnantgat cactgatgcc tcatgacacn 420
gacctttatc aaaggacatg atggccaggc cctcttgang cntaccgtgc tatccngaa 480
tgttgctnct nctntngggg aattttcaac ctgaggntnt gaaataatgg ncaaactcac 540
cancatggct tganggcnta cacactggnt gtnaaacaac taattgactg ngatacagaa 600

```

ggntncnntg ncnacttctg naggatagat ctnagaattn ttnagctgta ggctacntna	660
gaaatcggtg caccctccat oganaggcca tgatgtcnat ngtacacaac tnaccatnnc	720
ttcatgta	728

<210> 5085

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (870)

<223> n = A,T,C or G

<400> 5085

gagaagngna ntnnecggana gnnnnagtnn gccagttcca aaccnggaaa cgccttcgcn	60
aagngngngg gnnggnacnn gnaaggcgca nccggnnccac cnanccgngg ncccnaggac	120
caggncgcga cccnncangc gncnantgga ccccaaggag ctcnanngcn gcnnacancn	180
annaccgggn ncacannngt agcaagaaga ggggancgnc aagcagnnga aagcagcngg	240
cgaacancaa nccgangnan nannanacag gaacacccga naaggaagcg gacctatanc	300
cnangcccac aaganaaaga caccangnnc catgcttacc anagggaggc aagcnnaatn	360
gacanccnac ngcanngaac ctgnacacgc ggatggacac ccngcgcgng nngngaatag	420
acggacggac agncaactan gcccaaaang canngccaan ggngngnccg ccaacngggg	480
acagtgaaca agngcnattg nggngngngcn ggannacacc ancatcnnaa nggcannagn	540
aagcaccgnc nagnncngga kannanagcc ctgcnangng ancncnaac cangaacana	600
nnanggnacn angaannnan caaccnnnnn ggggaanaaa acccanccac gangaacaan	660
ngnaccngg accgtnggcc cananaaaac gngncncnaa ggncacgant cncanancgn	720
gggcccnnaa cnaagcncnc catcnanang ngnaagctc cgnggcgagc anannggana	780
cnacaccac gnnngacac ggaaaaccac cgncagaaac cnnacnggan cncanang	840
nggncancna ancaanagng ccncncccc	870

<210> 5086

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (870)

<223> n = A,T,C or G

<400> 5086

gagaagngna ntnnecggana gnnnnagtnn gccagttcca aaccnggaaa cgccttcgcn	60
aagngngngg gnnggnacnn gnaaggcgca nccggnnccac cnanccgngg ncccnaggac	120
caggncgcga cccnncangc gncnantgga ccccaaggag ctcnanngcn gcnnacancn	180
annaccgggn ncacannngt agcaagaaga ggggancgnc aagcagnnga aagcagcngg	240
cgaacancaa nccgangnan nannanacag gaacacccga naaggaagcg gacctatanc	300
cnangcccac aaganaaaga caccangnnc catgcttacc anagggaggc aagcnnaatn	360
gacanccnac ngcanngaac ctgnacacgc ggatggacac ccngcgcgng nngngaatag	420
acggacggac agncaactan gcccaaaang canngccaan ggngngnccg ccaacngggg	480
acagtgaaca agngcnattg nggngngngcn ggannacacc ancatcnnaa nggcannagn	540
aagcaccgnc nagnncngga kannanagcc ctgcnangng ancncnaac cangaacana	600
nnanggnacn angaannnan caaccnnnnn ggggaanaaa acccanccac gangaacaan	660
ngnaccngg accgtnggcc cananaaaac gngncncnaa ggncacgant cncanancgn	720
gggcccnnaa cnaagcncnc catcnanang ngnaagctc cgnggcgagc anannggana	780
cnacaccac gnnngacac ggaaaaccac cgncagaaac cnnacnggan cncanang	840

nggncancna ancaanagng cccncncccc

870

<210> 5087

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5087

agagnnntnm	ntntttgaat	cctaattggct	ggctacttgt	tctttntnca	ggatcccatg	60
cgattcgaat	tcggcacgca	ggggcgnccc	atcttgtggn	tcantnncta	tgccctnctcc	120
cntgaccacc	cgacagacgt	ggactacang	gtcatgntca	cngntancga	attctacacc	180
angctgatng	gctttgacaa	nntccnnctn	tancagttgt	ncaaateccac	tatnnncngcn	240
aactcgaggg	tcangccnaa	cngtaacnat	ggccagttag	ggnacctacg	caactgnact	300
ccganngttg	tatggagaaa	ctggttagacn	tcaaagactg	cctntccgct	tngtggtncc	360
ngcnacagag	gangangtcc	tacgtgnntg	agggtncnnc	cnttgggggt	atnnnancgn	420
antaggnmta	ncnctggacn	ganctggagg	cgcattgacan	cacatgatgc	ttnttgaggg	480
cctgaagatn	atcntgancn	acangtgtcc	ngtgangccc	tgtgantnca	ttatcatgta	540
gatttaggtn	gangaatgnc	ctgggacana	tgtttgtaca	tagnggccac	ctatganttn	600
acagantatc	tcataactna	tcagattgct	tnacngtctg	ggnancnaac	tcactcattg	660
gnaanntcct	gcatgctatn	cccaatgggt	ggatngcctt	nancctaaan	ataangntgn	720
tttttatcaa	nngggcanan	aaaccgtntt	annngggtn			759

<210> 5088

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 5088

gaattgctct	gtgtttttgc	aggatccatc	gattcggtag	tgngnagagg	cncacacnt	60
ntgngataaa	tgcactnnan	nnctnccgcc	ttgaanttcn	nnaggggtca	nnctnctac	120
tcacnggnag	gngngccnaa	agananctgt	gggtntctgt	ggatnaannn	gtnattgacn	180
gccctgggct	ggntcaaaac	ncnnccctag	tctntcangct	ncagggtnag	gnacanaacng	240
aatntacntc	tcctntgnga	ggnatcntac	tattncgtna	tggnnancnt	aatgctccac	300
annaangtgc	ngtngactca	cgctgctacg	actctcgaga	cnnttcntag	aagatcattg	360
tctntctntac	cncnntngga	acttnaacta	tgtattgana	naaccttgag	gatgctatgt	420
ggccacagat	tccttattca	atggaaaacg	nccnnctaca	ttatgcangg	gnnnctttct	480
gaatcggtgn	gcacntcntt	catggggctc	naatnngccg	cttnaanenc	aaatattggg	540
cgcttgacn	gctttgacan	tgtgtaannt	ctnngtntgc	nangctatac	ttggacccat	600
ttgccctgta	tgngcccttn	gcaatggntt	cntttcnaag	tataactacn	anccttncaaa	660
tggncaaggt	cctgatnnnt	nccattttgc	naacgtgctc	atttnaanac	tgactgnaan	720
cgtttttgac	aaaanaat					738

<210> 5089

<211> 856

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (856)
 <223> n = A,T,C or G

<400> 5089
 gngnagnnnnn nnnnnnnngnn nngnnnnnnnn nnnngnnngtt tntnatanca ngctcttggtt 60
 cttttttgcag ggatcccatc gattcgaant canctcganc atggannncc tcncctcagc 120
 antcnnatgn gcnnccctngg cnagntcacn nttgctgctt nagnnnnttnc tgtcnntncn 180
 aattntgnaa ngnccttnaat gtgnnannaa tcaggaaaat gctncntnca annctttagn 240
 ntttnaaccn tccatattct taacatntgn gacatnccat gggatgcnat taatattcaa 300
 ggntttttatn cggtactnaa aaatanacac ttctaccngt caangttcng aaanancgat 360
 catncgcntg aancatngna tgtnnatanc aacctntgaa nagtnctca tttncacctg 420
 aaatcatggc actnatagca acctttntan aaggctataa aaanggactt gaatgtncna 480
 attgcccaag aagagcgcta cccttcggga aggggaancc tgaatgttgc aaccactggg 540
 gataataant acccttattg tcaagaaaat ggcattgggg ggcacattca tntgaatttn 600
 ggacctggng actccttacc gaaattccca nccaggttcc acnaatggna atttgaagnc 660
 ccgtttgnct nttcgnggac cagtggggaa aagcaattaa aaggccaaaa tccttccnaa 720
 acctttntca agggtttttna gnaaagtncc cacatggttt nnnaaggct ttaaggactt 780
 gcnnntggga aangggnaaa aaccntttta attgtaaggc ccaanggatt ccggaatacc 840
 gccngtaciaa taaaaa 856

<210> 5090
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (721)
 <223> n = A,T,C or G

<400> 5090
 ggnttttnnat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcacgaga 60
 gaaaatcagg gatgtattag gaaagtaaca gtctctcatc aagaagccct ggctcaggna 120
 tatgaatata agtactgtgg agaggcccta tggatgccat gaatgtggaa aaacttttgg 180
 tcgacgcttt tccctgggtg tacaccagag gactcatact ggacagaaac catatgcatg 240
 taaggaatgt ggcaaaacct ttagccagat tncaaacctt gtgaaacacc aaatgatnca 300
 tactggaaag anaccccatg agtgtgacga ctgcattcag acnttcagtt ncctttcatg 360
 gnttantgaa cncnanta aa cgcncactgn ggngaancct tangnatgta ctgagtgnng 420
 aaaggccttt anccgagcct acaacctcac tnggcntcag anaanncaca tntgagggaa 480
 aactatnta tgtanganat gnggnnnnnn ntttannact ggctnagaac tcnntngccn 540
 cnanattaca catactgaag nnanaccttn ngatnecatn gnattgtnga aaggcatntt 600
 gccgtttctt gcaccttact ccnangtcat ancntnccca caactcaaaa ccccntnttg 660
 aatggtgcng aatntagaga aagncctttt gnnngaattc cnttncttnt nnaaannatt 720
 c 721

<210> 5091
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (760)
 <223> n = A,T,C or G

<400> 5091
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ngcagcnana ngcgntggcg aattcngcac gcaggcaana ctttttcctg gggcaggggn 120
gtcagcnatt attnaattgg attattncta agttngetan ntgggncann tgtgnggagn 180
agggagnntn cctgccacnt nttctgntnc ccnncttctg cccacacatg cagcatccaa 240
agtccattna ntnaatgaat ggacanagtg ccgagcanac nggggcnnaa ncangnncnc 300
agtcnacgca tccngnntcn taggnaaagt ggtgaccgnt cncgngggga cntgccnaa 360
ccctgnnaca cagncggna cnntnnangg acnngcannc ctnggatgtg cctcaggaaa 420
aacagggcna gccttcnagn nccgnatacg agtinncggc cttananncn anaacaangg 480
cnctnacttg cngcatgctt cactattctt tnaggcacat atatnttntc ttattagntc 540
ctencatccc atgagggacn cagtggctna tgcctgggaa ancngncctt nngnangtca 600
aagngggagg attgctcnac ctaggaannc aagaccacgc tgggcggnat antnggaacc 660
cancggtacg acttgaagaa aaatatccta ancncngcct tactaacttt agngngcnca 720
attacgtaag anccanacgg atcagtttca aatnagggnn 760

<210> 5092

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 5092
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tttgaggat cccatcgatt cgaattcggc acgagcccag cccacccca gccccaaagg 120
aggctgttcg agagggacgt cctccggagc caacccagc caaacggaag aggcgtctta 180
gcagttccag ttccagctcc tcctcttcat ctctctctc ctctctctcc tcctcttctt 240
ctctctctc ttctcttctt tcttcttctt cctcatcttc ctctctctcg tcgtcttctt 300
ccccttcccc tgctaagcct ggccctcagg ccttgcccaa acctgcaagc cccaagaagc 360
caccctctgg cgagcggagg tcccgagcc cccggaagcc aatagactcc ctgagggact 420
ctcggtccct cagctactcg cctgtggagc gtcgcccgtc ctgccccag cctcaccac 480
gggaccagca gagcagcagc agtgagcggg gttcccggag aggccagcgt ggggacagcc 540
gttcccagc cacaagcgca ggagggagac acctagccct cggccatgag acaccgntcc 600
tccaggtctt cataaattgt ctttggggga ttccaccaca cccaatgctc tggagccaca 660
aggagtgtnc cttnttccca cagaccgtgg ganggtcctt gctgctttct ttgaacttgg 720
cagccttggga tgganggtc ctttncctcc cttttttttt ttttgt 766

<210> 5093

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 5093
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ctctnagcag gagcccatcg attcgaattc ggcacgaggg gggcgctagg cgcgcgacc 120
cagcactngg tcccagncga nanatctggg gcagcgcgcg gtggaagctg cgngcngann 180
ggancanttc tggctcacga ccttgacgct agcgcgntta tcangnggaa accncgnnnc 240
cacnnaaca aaaagntggc tggatgtggg gncncncata cctggaatcc cagcnnctnt 300

```

agcggcnnaa gcatcagaat cacntgaacc canaacacag gncgcncctga nccaagattg 360
tgccccctgca ttctagcctg ggtgacagtg anacnnggctc aaaaagataa aggtgtacag 420
ggantgtata ttcagacaac ntggatatgga agatgtgcta cnnctantgn nccangctga 480
tactaagtna acactcnnta cnatanagan ggagatntgg gacncatagg actgnggnca 540
tnttaattan ttcangantg ttttccacna gcnnttaact ggatttcaca ttanagaaac 600
ntttncaaagg accctnnaac gggtaaattn ccaacggann nctccaaatg taccaatttt 660
antgccccga atngggaaaa ttncnacang ncccttttnc anggtatgna canagnactt 720
ttaantnacc cnccantcaa cctnnnacca nttnttttan tccangncan nctaccagtt 780
gtncnaccac aaagnttttn aagncccat nnnnttngtn aatnnnnggg nnaaacccnn 840
nnacaaattc n 851

```

<210> 5094

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (731)

<223> n = A,T,C or G

<400> 5094

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cggctcacat tgcattgcaag ttgctgagc tgaaggaaaa gattgatcgc cgttctggta 120
aaaggctgga agatggccct aaattcttga agtctgggtga tgctgccatt gttgatattg 180
ttcctggcaa gcccatgtgt gttgagagct tctcagacta tccacctttg ggtcgctttg 240
ctgttcgtga tatgagacag acagttgcgg tgggtgtcat caaagcagtg gacaagaagg 300
ctgctggagc tggcaaggct accaagtctg ccagaaaagc tcagaaggct aaatgaatat 360
tatccctaata acctgccacc ccactcttaa tcagtgggtg aagaacggct tcagaactgt 420
ttgtttcaat tggccattta agtttagtag taaaagactg gttaattgata acaatgcac 480
gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttggtttt cttttttgctg 540
tgtggcagtt ttaaagtatt tagtttttaa aatcagtcct ttaattggaa acaacttgac 600
caaaaatttg tcacagaatt ttgagacca ttaaaaaagt taaatgagaa aaaaaannnn 660
nnnnnnnnmaa aaaaaactca gcctntaaaa ctntnnngag gcnttttcct anatcccacn 720
tgataaganc t 731

```

<210> 5095

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 5095

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taacattgct aatattttct ttttttttta ctgaactcct tgaattttaa gttttctctc 180
atttaaattt attaatataa aacatacctt tactctgttc ctttagcat ttcaacctga 240
tgtaaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttgagta 300
tttaattctc tgaagcagt catgactcct gctcttcagc ctcttgagag tgcacctggt 360
ttatattcct gatgatacaa accctggaat ttcttgtctg aagtgtnaac actttatttc 420
caggtcctaa tttgatttga atagtgaag ttcagattca atgcattaat gacagattct 480
atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggc 540

```


tttttgacta	tcctctttgt	ataatgagac	tcttttctca	ttagatgagt	aaaaagatcc	600
agagatgac	accagtatcc	cccagaattc	atatatat	aattgaaaag	aaacaaatnc	660
tgggattctt	tnctaaaaan	ggtggattac	atttcttgnc	tgnttgnaca	tctttgnnta	720
acgngaagaa	aaataaaaat	attnattttc	cacccc			755

<210> 5096

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 5096

gnnnnnnnnnc	tttnaaatcg	cttggcnttt	tgcaggatcc	ctcgattcga	attcggcacg	60
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atgatnnann	nantngant	atgaggnatn	cacatnnnat	tnangntgna	nnatattcna	180
aggnannann	tnncagacn	ntggntggnn	acntntcana	tngttttagac	tnngncaaag	240
gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gctcacnnag	tatacttnca	ncagnanntn	taaccttaga	tactcgatct	360
taaacttggn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtntnnc	atcaancagn	420
nnatctnnaa	atctgnncan	aggancgntt	ttaaactcat	nnctggaatc	ctcagatnna	480
ggacccatnc	angnaggnt	gancntgnnt	gccctgttag	cacgnanttc	canntgngtn	540
aactctcaca	atnggtttta	agaacncnaa	aggctggccc	ntgntcntat	gagtgtattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatgggttn	660
cccactgggt	nggaaccaat	tngaactgca	ccttcengtn	cctttantng	nggcaaacca	720
aancatncnt	tancattcca	tttgaccctn	nttttttacn	ttaanacnan	ccttgac	777

<210> 5097

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5097

aggnntnnnt	ttgnnnctaa	tggctggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangetc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgnnt	ctnatggcca	120
ctgntatcnn	agcentgnnc	tgaagggtga	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	natanagtc	cggtcncctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnentn	tgtggncaca	ntaagattcg	ccnggccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntcgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgnggac	natttngcga	420
cngtnaatgt	gcncatttgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcacc	ccnaatanga	togatatgct	600
aacntacaac	tgatgnccctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcgncgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaantcccc	t		761

<210> 5098

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5098

aggnntnnnt	ttgnnnctaa	tggctggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatch	cctgctnggn	ncnttgnmnt	ctnatggcca	120
ctgntatcnn	agcctngnnc	tgaagggtgca	ngctcacgcy	ncggagggtcc	nttgagaccc	180
agnctgcttc	natanacgtc	cggtcncctca	nancctccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccnggccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntctgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngnac	natttngcga	420
cngtfaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaataat	tgctgntgaa	nagctnmtac	cgaatcnna	nagttcataa	540
aagcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	amntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcgcgcgtt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaantcccc	t		761

<210> 5099
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 5099

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tttgaggat	cccatcgatt	cgaattcggc	acgaggaaat	gacaagatcc	cacaaaagtg	120
ctgcagatga	ttacaataga	attggttctt	cattatatgc	tttaggaact	caggattcta	180
cagatatatg	caagttttt	ctcaaagttt	cagaactggt	cgataaaaaca	agaaaaatag	240
aagcacgagt	gtctgctgat	gaagacctca	aactttctga	tcttttaaaa	tattacttaa	300
gagaatctca	agctgctaag	gatctcctgt	atcgaaggtc	tanggtcact	agtggattat	360
gaaaatgcta	ataagcactg	gataaagcan	gagcanaaaa	tcaagatgtt	ctacaggccg	420
aacttcccaa	caattatgtt	gtcagaaatt	tgaaaaaata	tctgagtctg	caaaacaaga	480
acttatagat	tttaagacaa	gaagagttgc	tgcatcaga	aaaaattagt	ggaactggca	540
gagttagaac	tgaagcatgc	aaagggtaat	ctacagttgc	tgcaaaactg	cctggcagtg	600
ttaaatggag	acacattaag	ccacacttcc	gnctttctgg	ttaaaaangg	ctggcctttc	660
cttcaaattt	tatttttggg	tttcttaaat	ggatggttaa	gccttttatg	cctcactggg	720
aaaccaaacc	aaaaagccac	ttggaaaaag	gtgcctntaa	cttctctttt	tttctggaag	780
a						781

<210> 5100
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 5100
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 cttacctggc agtggctttg ctgcacggtc tgaaaccacc tgttcccacc ctcttgaccg 180
 aaatttcctt gtgacacaga gaagggcaaa ggtctgagcc cagagttgac ggaggggagta 240
 tttcagggtt cacttcaggg gctcccaaag cgacaagatc gttagggaga gagggccagg 300
 gtggggactg ggaatttaag gagagctggg aacggatccc ttaggttcag gaagcttctg 360
 tgcaagctgc gaggatggct tgggccgaag ggttgctctg cccgccgcgc tagctgtgag 420
 ctgagcaaag ccctgggctc acagcaccoc aaaagcctgt ggcttcagtc ctgcgtctgc 480
 accacacatt caaaaggatc gttttgtttt gtttttaaaag aaaggtgaga ttggcttggt 540
 tcttcatgag cacatttgat atagctcttt ttctgttttt ccttgctcat ttctgtttgg 600
 ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac 660
 anaaatnaat gttttttttg ctttttcaaa aacaaaaann tcntaaaaaa cctcgagccc 720
 ttttanaacn tattantgag tccgtattta ccttanaatc cagaccctga ttangatcca 780
 tttgntnaag nnttgct 797

<210> 5101
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5101
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 aacagatcct ctgaaatttc aaatngaaag aaaagatatg ttagaaagga gaaaagtact 120
 ccacattcca gagttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc 180
 cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg 240
 agctactttc atccttagga atgttatcga aggacaaggt gtogagattt gctttgaact 300
 ttataatcct cgggtccagg agattcaggt ggtcaaatta gagaaacggc tggatgatag 360
 cttgctatac ttacgagatg cccttcctga atatagcact tttgatgtga atatgaagcc 420
 agtagtacia gagcctaacc aaaaagttcc tgttaatgag ctgaaagtaa aaatgaagcc 480
 taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga 540
 tctttgntta actgaacagc aaatgaaaga agctcagaag tggaaatcagc catggcttga 600
 atttgatatg atgagggat atgatcttca aaaattgaag ctgcaatatg gaaggaaatt 660
 gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat 720
 tggctcttaa gangatatat tttgagancc at 752

<210> 5102
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 5102

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cgaattcggc acgaggttgc ctgcgggctc cacttccttg gccgcccttg ctacactggc      120
tgattgttgt gcagccggcg ccatgtctgt gagcgagatc ttcgtggagc tgcagggctt      180
tttggctgcc gagcaggaca tccgagagga aatcagaaaa gttgtacaga gtttagaaca      240
aacagctcga gagattttta ctctactgca aggggtccat caggggtgctg ggtttcagga      300
cattccaaag aggtgtttga aagctcgaga acattttggt acagtaaaaa cacatctaac      360
atctttgaag accaaatttc ctgctgaaca gtattacaga tttcatgagc actggagggtt      420
tgtgttgtag cgcttgggtc tcttggcagc atttggtgtg tatttggaag cagaaacact      480
agtgactcga gaagcagtta cagaaattct tggcattgac cagatcggga gaaaggattt      540
catctggatg tagaagatta tctctcagga gttctaattc ttgccagtga actgtcagagg      600
ctgtctgtca acagcgtgac tgctggagac tactcccgac ccttcacatc tncaccttca      660
tcaatgagct ggattccngg tttcgcttcc tcaactgnaa aatgactccc tgaggaaccg      720
ctacgaacga ttgaaattga cn                                     742

```

<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1245)

<223> n = A,T,C or G

<400> 5103

```

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tgtgattcag agcccttagt tgagagcccc tgccgccccct gccaccccccc tgccccgctc      120
ccaccattgc ccttcctcag ctgtgcaagg agaaagcatg cttaggaagt tttcagggtcc      180
ttgtgataaa acctccttaa atctgttcag accaagcaat gcgagcttcc tctcctgtcc      240
catgttgga gttgctctga aggggtggta gatgctggaa gccagacaca acctgcgta      300
cgctgctcag ttgggtggaga ctggggctgg gactggagtc agcccagctg ggaggagggg      360
ctggggagga tctgnannng cangcccnan nnatcntntg cntntccctc nctccnctct      420
tnntttatcc antccttnnc cctctnnccat ttnnatnnnt nnactccctt nnactcnttc      480
nnccantctn tatctccnca tnntccttct ctctannnta nnntcacnct cnactctctc      540
tntacttnen atcacnntca ccttctcttc tctannctc atcnactcn tntnnnccna      600
tcnctcncc ccttnaccnn ntnacttana cctcccnatc tctnnatntt canctntnta      660
tctacactct ctntccntct catctacann tnnatctcnc nnccatnana cactcctntc      720
tctcacnctc ncnccanntc actcttactn ntactnnntn nctnanacta cncacacttn      780
tctattnctc tntctnactc tntctatnct ctctcctnct cttatcntcc tctcnccnca      840
ttntacttcc tcatctccac tntcnccnct nctctntctt cntctntanc ctctccnct      900
ancattcttc tttcattnnn acnccntcat cnnttancnn ctatctnttc tntntccnc      960
tctnnccncc cncactctcn ccatncenn ncnctntcna canntctct cctccentac      1020
ctccacnnnc tctccnccct ctcatatact cttctcanat atctctnnn atnctcacc      1080
tcncacnana cntcaatncc ncttacctta nncctnnan ccatnctnac cctctctact      1140
cttnnacnta ttctcncatt ctnccttcac ttatctntat tntctctntn tcnccntant      1200
ctcncccttt ctcatctccc tnnctcacat cactctacnt nctct                                     1245

```

<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1701)

<223> n = A,T,C or G

<400> 5104

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cnggnnacct tctaattggt cttcntggcg gncctnaaaa attgngcttg tngggccnce 60
tttaaaccnc ntgaatttat ggcggnccttt ggggggggatg anattatgmn gtncntnttg 120
ggggctnann ttatgggtct cccntnnnnn actcnatgnt ctntcctaan atntcnnttg 180
ntnctccttt cgcgcntta tctnntgtca ntntcntnnt cncctcttnn ctcctccant 240
ntnttacatc tectctgncg angcnctcan nmannncng cnnncnnnaca tatacctntc 300
tttcnncctc atnnacntat acnnntctcn ctncccatan acctcttttn anctactent 360
nttatccnct ctctactctc ctccgtcnch ngttcncann tatcatatac ccncctgcta 420
tcgtccctct tcanncttct gcnacccctc ctnacctntc tccctncent ngcctanttc 480
atcatnctat cccntctnnc atcccacna canttctacc actcccanca ccccttctct 540
antctccntc ctntcnaate tnnnnntttt atatctnant cncntctecn cctatctct 600
ttctcctntc nctntnccac cnccccnctn atntcnctt cnnccctnnnt cngtntccna 660
cccccttnat cctacacac ctctnnccnn acntctcggn ttctctctnt cntctntaac 720
atccactnca nctatctttt atctannctc tancctance ncctnnccat actatccata 780
nccanantnn ttcaanntct ccnaccnctc ctcnncactc tnttatctct ctngnnctc 840
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nnataactnt ctncatcact cctcactctc tntatnctct ctctctnta tactctctct 1500
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<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

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tnccagaaac ccttcaagaa aaagcgaagg nntttctcag agctgaagat caagegcctg 180
agaaanaagt ttgcccaaaa gatgcttcta naggttagga ggaagcttat ctatgaaaaa 240
gcanancnct atcacaaggc atatnggcng atntacagaa ctgnaattcg aatggcgagg 300
atggcaanaa aagctggcag ctcntatgna cctgcanaac cnaanttggc gtttgtcatc 360
agaatcagag gtatcaatgc gagtgagccc aaagggttcga anggtgttgc agcttcttgc 420
ccttngtnaa atcttcaatg gaacctttgn nnngetcaac atggcttnta ttaacatgct 480
gangattgta gagccatata ttgcatnggg gtaccccaat ctgaantcag tncntgaact 540
aatctcaaac gtgggnnatgg caaattcaat annaagccga attgctttnn cagataacgc 600
tttgatngct cnatctcttg gtcaatacgg catcatntgc atggangatn tgggtcatga 660
aaactatact ggtgnaaaac gcttcaaaga ngccaattac ttctgtggg cctcaaatt 720
gnmtnttcca cnantgggaa tgaagaaaa gacccc 756

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<210> 5106
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 5106
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 catggaanga tagctncact ncttnccgac cttgggtcaca ggccgncatg agganggact 180
 gttccantgc tncngnggcc nctgncntgn tntcatcac tggnccttagc tttggagtac 240
 ncaactccaa gtggcccag tctagactct atcaaatncc aactgatag caacaatgan 300
 tgcactctgat gtgtgtgtgt ggcnatctta agcccaaat gcttcaaaga tnaaacagnc 360
 atatacattn aagatacata tanaaatngt nmaattngaa tgtatacaan ntagattacc 420
 ctaacgaact tcactacaag aaatncatct tatatccnng cacnnaaatg tgganntnta 480
 catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540
 ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720
 tagaactata tgagtcggnr tacgtann 748

<210> 5107
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 5107
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 tcttcatagg aaagccaccc tgggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180
 caactgcttg gagctccaca cttccctttc gogactcagg ctctgggtgct gttgccaaat 240
 ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 300
 cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360
 ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaataata agtantgtta 420
 gaaacctgaa agtacagaat ctcaacctta cnagtctttc ccttagtcct gtggccttcc 480
 taagccagct gttaaccgtg ttgattcctt ccacttcccc caaagtaagg caggcaacag 540
 atatgttgat tgtcttagaa agtaatctgg ttccctctgaa ctccattgaa ttccagtttg 600
 acgcatactg cctggaacca gactgtttgc ttacagcttt ttaaagaaaa atctgncttg 660
 gtcctgnccc cant 674

<210> 5108
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5108

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aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tcttttctaat	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggtcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

<210> 5109

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 5109

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gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgtagga	180
gttatcctct	ttgcctggcc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaaagcaag	agtttgacca	gatgatcaca	300
atgggccttc	ctagctctgg	ccaccaagaa	tttgtagaaca	ttagagctcc	tggctctgggtg	360
ggtagagcca	gagctgctga	ctggctctctc	tgctccaga	ggggatttat	tggacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	cacctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgcccagg	agggacagag	540
catactcttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgcahta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgagggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

<210> 5110

<211> 615

<212> DNA

<213> Homo sapiens

<400> 5110

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cctactgact	cataakkcac	gwkgtoocaa	aagccacccc	acaagcctga	gccaacctgc	120
tgcttgacgc	cacagtcatt	ggcagaggct	tgggcattat	taatytataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgagggt	gttcgggttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300
ttttgtgttt	ctgggtattta	ataacttgaa	gggatagcaa	aatatactgt	gtattcagag	360
ggcctctctg	cagctgctag	ctcagacacc	aaaggggtaa	ggcccaggac	attcatatct	420
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ctgacctttt	ataatttgat	gtctcaaatg	tagagattat	ctaaaaatcg	taacttgaat	540
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aacatgttgc	ttaat					615

<210> 5111
 <211> 937
 <212> DNA
 <213> Homo sapiens

<400> 5111
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 ctgtgaagga attaacctaa gtsyttccag agcatctcat gtaacctcta tggagtaagt 180
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
 ctacatggag gaagatgatt cagtgggagg gaaaatgaac ctcggttaaca ttccaatgt 300
 ccttcaagag ggaacaagt tcagtgttat catcgtggca ttcgttagtt tttttttttt 360
 aaatcacktg tttagataca actttatatt tttataccta catagcacat gactgggggg 420
 ataaagcatg tataagttgg gagagggtaa agaattgtgt actatgtata cagaaaatag 480
 actaaaatgt gcagcaaat gatataact gtaatctggt ttttgaagta tctactattc 540
 tggaatattg ttaacaact ttttgctttt gaaaaaaaaa aggtgccttg attcagttgc 600
 gtgacttaga acattcatcc tattttattg tgatttttaa tgtcttctga ccccaaactg 660
 tgttttttgt tgcagtctgg cggtgcagg catagcgtcg gttttgttcc aataacagag 720
 accaaagagt taatcagata tgggtcagct gctacaattg tatgattcaa aggcatttta 780
 atcccccaa atttccatgg cccccacagt caagacctgc cattcgtttt ctcttgagg 840
 ttggagtaaa tttgcacttt gaatcatgtg ggtcatttgg ggaccttgtt cttttctatt 900
 ttgctttatt aataaaggaa cttgtagaaa aaaaaaa 937

<210> 5112
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (653)
 <223> n = A,T,C or G

<400> 5112
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 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
 ccaggaactg tcctggcaga taagacagac tgtgmaaggc catcgtcaty ggcattggaa 180
 gggcattaat taccaaagtg gagacasagt cactgtctcc aagagcattt ggaatcactt 240
 cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300
 atactgtgat gaattgcttc acatatctga gttctgatgg gaaggagtcc aagtgcggta 360
 gctgtagaga acgctgggga agcccagttc tatgtagctc acgtatgaaa ggaatattca 420
 tgaagagnaa aacagaggca ttatttgaga ttaactgcct gagaaacctc gtctaattcc 480
 aagtgtctag aaaatgttga ctacttgcca tgtgcccagt aaggtgcttg gagctttata 540
 tgnatcctct catttaaccc tgtgacatag ttatgctggt anaccttgcg gcgttcgtgt 600
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<210> 5113
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (559)
 <223> n = A,T,C or G

<400> 5113
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 tatkrcgt cagtawctac caggcaatga acaaggggtg gcatgcagcg gctctgaccc 180
 cagttggaaa tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc 240
 ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgca tccgctgtkt 300
 tcaggaggat cccaactcgg atccacagca gccaccttc tccctganag cccacttgca 360
 tcaggcccat tcccaggatg tcaactgtgt ggcttggaa cccaaggagc cagggctact 420
 ggctcctgc agtgatgatg gggaggtggc cttctggaag tatcagcggc ctgaaggctt 480
 cttgaagctn acctcgactt ttggacagag taatggactc cccagaaaac gttcatataa 540
 gaattttacc agncccttg 559

<210> 5114

<211> 554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (554)

<223> n = A,T,C or G

<400> 5114
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 tgaagcaggc gaagcagatg gtcggaggcc agcaactacc tgcacttgcc gccaaagagt 120
 ggcaatcttt taggtctctc gggaaaggccc cagcctccct cccactgaa gaaaagaagt 180
 tggttaaccac agagcaaagt ccctgggccc tgggaaaagc ctcatcacgg gcagggctct 240
 ggccmwtagt ggctggacag aactggcac agtcttctg gtctgtctgg agcacacaga 300
 cattggcaca gacttgctgg tctcttgga gagggcaaga ccccaaacca gagcaaaata 360
 cacttccagc tcttaaccag gctccttcca gtcacaagtg tgcagaatca gaacagaagt 420
 agtaccaatt caatgttcac atgaacaaac aagctgcccc caggggtacc attttgggga 480
 gggggaatct ttttttttct tttccccttt aaaaaaaaaac acntttgncc cgaacatttt 540
 cccattttnt tttt 554

<210> 5115

<211> 477

<212> DNA

<213> Homo sapiens

<400> 5115
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 ccaggaagac cttagtaagg actctctagg tctaccaaa tcaagcaaaa ttgaaggagc 180
 tggtaaccagt atctcagagc ctccgtctcc tatcagtcgg tatgcttcag aaagctgtgg 240
 aacgctacct ctctcttga gaccttgtgg agaagggctc gaaatggtag gcaaagagaa 300
 tagttcccca gagaataaaa actggttgtt gccatggcag ccaaacggaa ggctgagaat 360
 ccatctccac gaagtccgtc atcccagaca ccaattcca ggagacagag cggaaagaca 420
 ttgccaagcc cgctgcagtc tgcaaaggctc ttcacaaatc agaatcaact ggtaatt 477

<210> 5116

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 5116

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tagatttgga gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180
agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaaccac cccggatttc 240
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aaactgtgtt cattacactg ctgatacaac tacagatggg acagtaaattg ttcagcattc 480
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cttttctgta ccgattgctt tttgtgtgtg tgggtataata aaatctttat tcaattttac 660
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atttcatagt cncctaatt aagagtttag ctctttgtta aactccaaat acataaactt 840
tttaagtggg gttccattta ctggaaggat taaaatgggt acagtgccag ccatattenc 900
caaaaatatt gtctaccggc ntatttttgtt aancggttag gttgggggtt tggttcc 957

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<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 5117

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gcttcttcac ccagacacca aggtatgaga tggccctgcc aagtgttcgg cctctcctgt 180
taaacaaaaa cattctaaaa gccattgttc ttgcttcatt gacaagaggc agccrgagag 240
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ctgctctcct tggcagctnt ggccatgaca accccagaga agcagcttca gggaccaggt 420
cagattctgt tttgtctaca tgcctctgcc ggggtgccgg attgaggcac ccaggagact 480
gttactggcg tggaaatagg tgatgctgct acctctgctg ctgcactcac agcc 534

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<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

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caytygkacg gggmsagggg acagcaaggt gggagggtga agagctttga ggctcagcag 60
catgtttgtg gcattcggtg gacaccatgg ccttggggcg ctggacaggt ttttgtgatg 120
tgarggacay gcatggggca catggtaagc ttggcaaggg ctccaggaa gctgacgaag 180
ggtttttaga cccccacccc catgcctgta ccagggtctg cctccagagc ggggtaggac 240
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<210> 5119

<211> 598

<212> DNA
<213> Homo sapiens

<400> 5119
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 cacgggcatt gtagctttgt acatagcctc aggcctcact ggcttcatag gtcttgaggt 180
 tgtagccag ttgttcaact gtatggttg actactgtta atagcactcc tcacctgggg 240
 ctacatcagg tattctggtc aatatcgtga gctgggcgga gctattgatt ttggtgccgc 300
 atatgtgttg gagcaggctt cttctcatat cggtaattcc actcaggcca ctgtgaggga 360
 tgcagttgtt ggaagaccat ccatggataa aaaagctcaa tagcatctta acgtgaagat 420
 caaacaagaa cacaacaagc cctactgat ttctgggttt ctgccacggc cacagggtca 480
 tatccagagg aatggcagat ctgagacgat ccaggaagag ctaaaacatg gccctgtaat 540
 aaatgagcag acctctcttg tggtttcaaa ttattaaaca cacttccatt tctcttgg 598

<210> 5120
 <211> 1416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1416)
 <223> n = A,T,C or G

<400> 5120
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 aaacaggcgt tccttctgtg ccagtccta gtattcaaag gaaccctact gccagtgtg 120
 caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag 180
 ccacaaggac ttctttaccc acagwgggccc catcaggact ctatagtcca tcaactaatc 240
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 agaracgmwa taccacccca agaattgaaa accagacaaa caaaacaata gatgcttctg 360
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 gtggtgtcat tgatctcaca atggatgatg aagagagtgg agcttcacaa gacccccaaa 480
 aactaaatca cactctgtga tcaacctga gttcttctca gcctgtgtca cgaccattgc 540
 aaccataca accagcaccg cctcttcaac catctggggg gccacaagt ggaccatctc 600
 agaccaccat acacttacta cctacagctc caactaccgt gaatgtaaca catcgtccag 660
 taactcaggg gaccacaaga ctccctgtac caagagctcc tgcaaaccac cagggtgggtt 720
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 cctgtgttcc ggcagggtcaa tccccaaaat agtnttacag ttcgagtgcc tcaaacaacc 840
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 gaagctccac aaccacagcg tctgccccca gaagctgsca gcacatctyt gcctcagaag 1020
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<210> 5121
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5121

gctgcatctg	caatgaggat	gccaccctac	gctgcgctgg	ctgcatggg	gacctcttct	60
gtgcccgtg	cttccggtgg	gtgcaggtgg	aatgttctgt	gcgagagctc	aagggctgcc	120
tggatccctg	acttgatcc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggg	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	tcccacaggg	agcggcacc	atttctgggc	cccgccacag	300

<210> 5122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5122

gtccttgtcc	agcctccaag	acccacaagt	cccttctct	gggaagcccc	cctggcctgg	60
aggtgcacca	ggaagaagt	gtctggggct	ggcactaagc	catggcccag	ggaagactgg	120
gggacccact	aggccaggat	gagacctgca	cgagtggtg	cacagcagca	cgatttgtga	180
cagcccagag	cggagaacac	cgaacaccca	gtgaaggtga	ggggatcagc	acggcgcggc	240
caccacgcga	cccacgcgct	ggaatgagac	tcagccacaa	ggaggtgcga	agctctgacc	300

<210> 5123

<211> 634

<212> DNA

<213> Homo sapiens

<400> 5123

caagagagag	tgatagaatt	ggcagtga	tatacgaacc	accctcctgc	cctctgggtt	60
cacaatacgt	gtacacttga	ctgtgaagt	gctgtgagag	tgggtggaga	gttcttcttt	120
gacctcagc	ctgcggatgc	ctctagaaac	ctcgtgttga	ttgcaggagg	agtcggaatt	180
aacctctgc	tttccatcct	gcggcacgca	gcagcatctc	ctcagagagc	aggcaaacaa	240
aagaaatgga	tatgagatag	gaacaataaa	actattctac	agtgcacaaa	ataccagcga	300
actcctgttt	aagaaaaata	tccttgattt	agtaaatgaa	tttcttgaga	agattgcatg	360
cagtttgc	gttacaaaac	agactacaca	aatcaatg	gaactcaagc	catacatcac	420
ggaaggaaga	ataacggaga	aggagataag	agatcatatt	tcaaaagaga	ctttgttcta	480
tatttgtggc	ccacctccaa	tgacagactt	tttctccaag	caactggaaa	acaaccatgt	540
acccaaagaa	cacatttgct	ttgagaagt	gtggtaggag	gcagacaaa	gcagaaaaaa	600
taaagaggtg	agatctactc	aggaaaaaaa	aaaa			634

<210> 5124

<211> 672

<212> DNA

<213> Homo sapiens

<400> 5124

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtatttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccamc	atccccagtg	aaactttaag	aggagccrgt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300
cacacaagga	gtaaagcctg	actggaccat	tgacggatt	gaacactcaa	aattattaga	360
ataattttct	tggaaaaatc	agcttatgga	ctttagcagt	tgctgtgaaa	aactaaggaa	420
gaaaaatttt	ggggtcattt	gatcttcact	taatctaagt	ctgtgaatta	cttttatatt	480
attttgaaat	actccttgca	gtatattggc	atgatacagt	aaaagcattt	tccacagatt	540
gttatcacct	tctttaaaag	aagtcacaa	ttaaaaata	caatagcacg	ttgttggtgt	600
catattcaat	aacatttcca	atgctacata	taattttata	gacataataa	agaaggtatt	660
gaaaaaacta	aa					672

<210> 5125
 <211> 738
 <212> DNA
 <213> Homo sapiens

<400> 5125
 catttgtaaa gctgcagga aagagggtcc acttcccagc aaccccatcc taatggctta 60
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacatt gtgctgcctt tctcttatgt cccagacatt cttaaactct 180
 ttaacgaatt cattcagctg ggctctgatg ttgaacttat atgccggtgc ctcttcttcc 240
 tccttaggat tcactttgga cagatcacta gcaatcaaat gcttgtgcca gtgatagaaa 300
 aattaaggga aacaaytatt tcaaaagtca gccaaagtcc ggatgttatc ggcttcaata 360
 tggctgggtct tgattatctc aagaggggaat gcgaggcaaa aagtgaagtt atgttttttg 420
 ctgatgctac tagccacttg gaagagaaga agaggaagag gaaaaagagg gagaagttga 480
 ttctaacgtt gacttagaac tgaaatgtgg tatctttttt tttttcaaca tttttccttt 540
 aaaggactcc taaactaagc acagaagagt tggcgctcatc ttaaaaatac caagtaacag 600
 aagatcgcat tgcagatgat atcaggatgt ggtttccagc tttgcctgag ggaattccaa 660
 catgagatta tgggctggct ccatttcttg gacttaaaat gcattattag tttaaaaatc 720
 tttctgtgct ctcaaagc 738

<210> 5126
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<400> 5126
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 tctcggcagg ggccgaccgg gcaacttccc cccttggtgc cctctaccct gctttggagt 120
 gccgggcccct cattcagcag atgtccccct ctgcctttgg tctgaatgac tgggatgatg 180
 atgagatcct agcttcgggtg ctggcagtgt cccaacagga atacctagac agtatgaaga 240
 aaaacaaagt gcacagagac ccgccccccag acaagagtgt atggagaccc agggattgga 300
 caccatctcc caaccccagg gactcgggca aggggtgccga agatagacaa gaggcacaca 360
 gagacagacc aactggcagc caggcagccc cagaggagag agacattcag acagaggaaa 420
 gtctccctgc ccctcattcc ttccaagatg agaaaaactt gccgccaccc cccgacactg 480
 atgccaggga ggtgggagga agaagtggga aatttccctt cccagtaccc ccaagaacgt 540
 ctgagccttc aatgttgaat tttttcttta ttaaaattac ttttatctta taaaatcaac 600
 taatcaaaaa tgatatagac gacagcactg gctctgtgaa ggtggcatct ttctgggcag 660
 gcaggccatg gggcatggag gaggggtgcaa agatatgggt tgctgtcttc tggcctccag 720
 ctgcatggag gccggcccag ggtctagggt gtgcactggg caagggcagg gcggcagggtg 780
 tcaggccggc ttggacaatg aaacctgac cttgctgcat tccttttgct tccaccacca 840
 ctagcttctt tggaatcttg ggggtgggggt catctttggg gattatggct gccacccggg 900
 atttgagtgt agggagtgtg ggagcagcct tggcagatk gaccccggtgc cctgcagggtg 960
 ttgacaagat ccgccatctg taatgtcctt ggcacaataa aaccaaagt cagtttccct 1020
 gagccccgac tctgttctgt gtggggcagg ggttgggcgg gcctctgggc agaggatgca 1080
 atggcacgga ccttggttg acctcagagg tgtgaatgct ctccagcagg gtctgtcttg 1140
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 tgg 1203

<210> 5127
 <211> 669
 <212> DNA
 <213> Homo sapiens

<400> 5127
 aattactgga acccgggagg cggaggctgc acagtgagcc aagattgcac cactgcactc 60
 caggctgggc aacagagtgt gactccgtct caaaaaaaca aaaacaaaaa saacttcksc 120

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ctmckmsrca gactcctccc ctggtcacca ctagtgatcc accttatgga tctcccaagg      180
ccacctctgc ctctgctctg tgttggtatta tttggggggac ctgtgggtctg gcatgcattg      240
tacttggtks cccaaagggc tgtggcatct gataagtgat ttatcctcag gcacagattt      300
gcactatgtc acccacttac ttgtatgtag aagtgagtca ccggtctggca aatgggcata      360
gctgctgggc agtggatgca gctccatgca tgttattctc atttgataca ggatctcatt      420
ggcttctcac agcaatcctg tgcactatag gtattgctcc cgggaacaga tgaggaaaca      480
ggagagtgcg agattacagt aattttgtaa atgggaggat ttgtgaaggt ttcagacata      540
caccctctct catatgtcaa ggatatgaag tctaataaat cccctaaagc agcaggggtt      600
ggcaagcttg tgccctgggg ccaaatcagc ctactgctg tttttgtaaa taaagtttta      660
ttggaacac                                     669

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<210> 5128

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 5128

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ggtgccatgg agttcaccat ctgcaagtca gatatcgta caagagatga gttcctcaga      60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc      120
atcgcccctg ccaacattga agctgtggcc gccaaagaaca agcaactgcct gctggaggct      180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac      240
cgggtgtgtg agaagaacat caagagggtc agaaagctgc tgccccggcc tgagacggag      300
gaggagtcc tgcgctgtg ccggtgaag gagaaggagc tggaggccct gccgtgcctg      360
tacgcsacgg tggaacctga catgtggggc agcgtagagg agctgctccg cgttntataa      420
ggacaagatc ggtgagnagc agcgcaagac catctnggta gacgaggacc agcttt      476

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<210> 5129

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 5129

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aatcccacaa agcctagcac caaacttctt tttttcttcc tttaattaga tcataaataa      60
atgatcctgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcactcttct      120
rtxcamwarc ymkagactrk tswcwmwcag atggttgctc agggacaagg tgccttccaa      180
tggaatgcg aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt      240
aattatgctg ttatgtaaat gattgggttg taacattcct taagtgaat ttgtgtagaa      300
cttaatatatc aggattatng aaanaatatt ttgtggtata                                     340

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<210> 5130

<211> 610

<212> DNA

<213> Homo sapiens

<400> 5130

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gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata      60

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tagtttatgg	caggggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gaccctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tcctcagywc	cagggcctrs	300
ytccctggag	aattgggtta	aaattcaaaa	taaccttcta	aaaaattctt	tcagaaacga	360
gtagtgaag	ccagtggatc	aaattcagtg	atagttaaca	gagaaacagc	agcatagata	420
agtaagccaa	tttaatgtag	ggagcaacca	ctagtgtaca	tgatctcagc	tcctctggta	480
ctaccaagta	aaaatgaacc	tgggccagcc	acagtgactc	atgcctgtac	tctcagcgct	540
ttgggaggcc	aaggtgggag	gattgtttga	ggccaggaat	ttgagaccat	cctggtcaac	600
atagcaagac						610

<210> 5131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5131

ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccagggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

<210> 5132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5132

gcctcctctg	atggcactgt	aaagatctgg	aatatgaaga	ccacagaatg	ttcaaatacc	60
tttaaataccc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gattctactt	120
cctaaaaacc	ctgagcactt	tgtgggtgtgc	aacagatcaa	acacggtggg	catcatgaac	180
atgcaggggg	agattgtcag	aagcttcagt	tctggttaaaa	gagaagggtgg	ggactttgtt	240
tgctgtgccc	tctctccccg	tgggtgaatgg	atctactgtg	taggggagga	ctttgtgctc	300

<210> 5133

<211> 757

<212> DNA

<213> Homo sapiens

<400> 5133

gctgccacca	cccccgggcc	cagcctgtct	gaaagtctcag	ggtttaggcc	gagaaacccg	60
gtggggaggg	gtggggagcc	ggagctctgt	ggcggggctg	gagggctggg	gtgcacttta	120
gtttggggcg	ggacgggagc	cgccgttgtg	actggcgctg	tctggctgct	gctcccgaac	180
ggaggggtcg	gggttggctt	gctgggccct	cagagcccag	tgggtggctc	tgactcggtc	240
ccctactccc	tgacccagc	tgggcgcagc	cttggggcct	gcggtctgaa	tgtatccctc	300
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cggggcccaa	ttacggatcc	cgggagttac	aggtgcccgc	gtgatgtcgc	ttctctgggtg	420
cccagctccc	ttcttggtct	gagactagct	ctgggggtgg	cgggggcccc	cacacgctyg	480
ctcccgtccc	accctgcccc	tgctgctgct	ctgtgcctgc	tgtcagagcc	ctgggtggggg	540
aggatgtggc	caccctgaga	cccggaggag	acgggcgtct	gcctgggttt	gcggagagcc	600
gcttatgggt	gtggtccgtc	cagacacctt	gtttcaaggg	ggatgggcgt	gagcgggcaa	660
gcagagcatc	cccaccgctg	agcaagaact	ttttcttggt	tttaaaccat	cacgtcctca	720
tttcacattg	gaataaaagt	agtttttgaa	acctgcg			757

<210> 5134

<211> 1316
 <212> DNA
 <213> Homo sapiens

<400> 5134
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 tccacaatta aaaaaaaaaa aagaaaaaaaa actcattgar atagctacag ttctataggt 120
 taattttaaag cctccttttt ctactcattt ttgaaasca aattacattt tactatttta 180
 cataaccagt gaaaagacgt tgaaagccta cagctcactg tttttggtgc tctggaaatg 240
 ttgaggggtgg gtttttaacc agtgattttt aacgtgcagt gaatttgta gactttttaa 300
 caccagctaa ggtagtcaaa cttgatcccc attaaaaatc aaggaattag gggtcggggg 360
 aggggttagg agtgatccag aatgacctcc cagaattact gtgcgtacaa ctttattttt 420
 cagagttttc attggaatgg taagagtttt atgaaagaca gttttaaaac ttattctgag 480
 ttaaataatta atacttttaa aaattattgt actagactta tcgcagcctt ttgaaagtag 540
 cagagtttca tcataccaca tatataacag agcataaatt ttctataatc aggcaccttt 600
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 tctattctct cctctcgatt gtagcatagc ctgacagctc tagatacagc atttctatga 720
 tgaaaaatga gtatccatca ggaaatctag aagactagcc gtgttttctc agactccacc 780
 tttgtttgca ctctgttgcc tgtgaggagc tttctggcat gtgattattt acttcaaaac 840
 tagagttcca agcacctaca ttaattattt tataattgtgt gcagaatagt atatctttta 900
 atgtcagata tgatacactg cacatattgc ttttgcactc ttaaaatttt tgtactaaat 960
 aatagaaaat atttatatcc tttgagtgtg agctttgaat agatggcatt atcactttat 1020
 tgtttttttt ttaacaaaaa ctttttctca attattctat tgcaatgtta ttctgagcaa 1080
 gtcctatgcc aaatatcttg tataatgttt gtatggaaga ttaaatttta ctcttggtgtg 1140
 gtaagactat ttcagttact gattttatag ttggaatttg atattccagc acaaagtcca 1200
 cagtgtattc agaaatccaa gttggtgtca tacatttcat tttgatgtga acttttcttt 1260
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<210> 5135
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 5135
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 attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tmctgtcata tccttttagc 120
 aaaatgakat tgcctaggtt cttgttgcaa aataccacat aatgaaatcc ttctgttgcc 180
 atgattaact gggtgagaat atcatctttc cttttggtcc gtagaaatgt attattcact 240
 actccattct tgaggtttgt tttttaattt ttttgagac agtctcactc tgttgcccag 300
 tctggagtgc agtgggtgcg tctcagacgt ctactgcaa cctctgtctc ccaggctcaa 360
 gtgattctcg tgctca 377

<210> 5136
 <211> 550
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (550)
 <223> n = A,T,C or G

<400> 5136
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 actcagtagc taccagatt gtaatgggtg gcgttactgg ctgggtgtgca ggatttctgt 120
 tccagaaagt tggaaaactt gcagcaactg magtaggtgg tggctttctt cttcttcaga 180

ttgctagtca	tagtggctat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300
ttgaagaagc	aatagaattt	atcaagcaga	acattgtgat	atccagtgga	tttgtgggag	360
gcttttttgc	cggacctgca	tcttaaggnc	atgaatatc	tcccataacg	gattcaacta	420
tgagaagaga	agtggcagca	ataaggcagt	ctctcaaaa	tcatactgcc	agagtctcta	480
gggcaaggng	aaacanctag	ctgggcaata	ctcaattcac	aacttagcat	tttgccatct	540
tgaagcttgg						550

<210> 5137

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 5137

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccggttct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctgtt	tgcgcggcct	tggagcacc	120
acagaggcgg	cccctgctgg	caggctatgc	cctgggtgtg	ggactcttcc	tgcttctgct	180
ccagcccctc	acggacccca	agctctacgg	cagccttccc	ctttgtgtgc	ttttggagcg	240
ggcaggggac	tcagaggctc	ccctgtgctc	ctgacctatg	ytcttgggat	acgctatgaa	300
ctntgaccng	ctcccccanc	ctccccacca	aggggttact	gcaggggaag	ggctaggtgg	360
gggtccccga	gatcttaggg	aattttttta	gggggatttt	aagccagagn	tagtttgcgt	420
tcccagggac	caaggagaaa	gaagcat				447

<210> 5138

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5138

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gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcat	120
gtagctacag	gacattttta	agggcccagg	atcgtttttt	cccagggtgc	agcagaagag	180
aaaatgttgt	atatgtcttt	taccgggcac	attccccttg	cctaaatata	agggctggag	240
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ctaaatccct	ccccgtgact	gcaatagaac	cctctgggga	gtcagggaaa	gggggtgtgc	420
tgagttctat	aatataagct	gccatatatt	ttgtagacaa	gtatggctcc	tcccatatct	480
ccctcttccc	taggagagga	gtgtgaaagc	aaggagctt	ngataagaca	ccccctcaaa	540
cccatccct	ctcca					555

<210> 5139

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5139

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catcttcatg	aaccctcaga	ctctggagtt	gggtgtcggc	tttttttagcc	agcttttgtk	180
ssrwtttsyk	wkracctatt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga	240
gactggatat	cccccgagaa	tggcttgggt	taccagctat	ggacccttgg	aagatgaatc	300
taatccttct	cactgggtttt	tctttgcaaa	ttcatttgct	tttatttttc	taataacaat	360
aaactctatt	ttccatgttc	tcagggcccc	tgggtagaca	gacacagctt	gatttcagag	420
cagacatagg	cgaagaaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat	480
atacacatcc	aaatttgaag	agaaaatgta	tttctttagg	tttcaaacac	tgtaatagat	540
ataaagcaaa	aataaaaacc	tgttgcaaag	ttaaaa			576

<210> 5140

<211> 631

<212> DNA

<213> Homo sapiens

<400> 5140

agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggatgaaga	aaggcccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaggga	gaagctgatg	300
catttgttca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaaag	360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tcactgaaca	gggagacgct	420
ccaaggactc	tctgtgtggc	tggggtcctg	actatagacc	caccatattg	tccagaaaat	480
tgacgacgct	ctaagttagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt	540
acagcttccc	aatgagaggg	caggaagtgt	gaacatactg	atagaaaaag	actatatttt	600
atccctcata	aaatgtttta	aawrtaaaaa	t			631

<210> 5141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5141

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 5142

<211> 699

<212> DNA

<213> Homo sapiens

<400> 5142

gtttcactgt	gcggtgcagt	gcggcgagcag	ctcgtgagga	ggacccgtac	atkgacacca	60
ccctgaaggc	ttgccacact	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cactttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggc	ttctttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwec	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatattktgw	300
rtaykatcty	wccagtgcag	ctgtacaaaag	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaaac	ccagagctgc	attcaccttc	tcagttaggc	tcactgttta	gtgcgagctg	420
scctgatgga	tgccagtcag	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaagctg	tgggcacctt	ggggactgtt	acagcaggct	tgactcccag	cattctcatc	540

tcaccttgcc atactataag atgtctgggt tgtctatggc tgaagttctg gcccgcacgg	600
actggacagt agaggatgga ttacagaaat acgagagagg attaaatctt ttacattaaa	660
tccattccac tttatggaaa acctgggatg taaggaatt	699

<210> 5143

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (423)

<223> n = A,T,C or G

<400> 5143

caggtagtg cccctgtaag cagggccaga gtcgggacaa agagcaggag tgaagcagcc	60
aagagacaga ggaccaggct ggagccagt ggcacgcagg agcctgcctg ggaagaagcc	120
ggggggcaag gctggcatgg gaatgaacac ctgctgggtga cacctctctg agcttcagtt	180
cccttaacta gaaaaataga acaggcccg tgcgggtggct catacctgta atcccagcac	240
tttagrkatg rytgmrrrr ktrswtcwts agrtcaggms wtccwwracc ayymwrrccg	300
acattggggg attagcaatg ttttggttact tgggcatttt caagaggcag acatagtcca	360
gaagcagaag nttgggcagg tcccagatct tgttctatag ccctttatcc tgaagctcgt	420
gcc	423

<210> 5144

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (366)

<223> n = A,T,C or G

<400> 5144

gtcctctctt actctagtat ctctgccttt ggtcagtcag agagcatttg atgagtacca	60
tgctgggctg gaccccatcc tggctgccct ggaagataga gacaggtcac cttgatccct	120
gcctgtagca tttgggctgg ctgagatggg ggargtgtga acagaatatt ccagtccagt	180
gtcctctgtg gtagggatgg ggatggaccc sggagaggcc ctctgttcc tggcaggagg	240
tgggactcag agttaaagt gaggtcaagr cccagtgcga tggctcacam ctgcagtcct	300
agcacttcgc gganttnagg tggatcacca gaaccngta gttcaagacc agccttggan	360
aaanat	366

<210> 5145

<211> 952

<212> DNA

<213> Homo sapiens

<400> 5145

ggttctacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg	60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac	120
aatgaggtaa accagacctt ctacgttctg gatgtgatgt gctggcgggg acacctttt	180
tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa	240
ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcct	300
tgcactcccg aaagcctgtg tgatgtgcta tctatggatt tcccttttga ggtagatgga	360
cttctcttct accacaaaca gaccactac agccccgaa gcaactccctt ggtgggctgg	420

ctgcgcctta	catggtgtca	gatgtccttg	gtgtagctgt	gccggctggc	cgctgaccac	480
caagccagac	tatgctgggc	accactccag	cagattatgg	agcacaagaa	gagccagaag	540
gaaggcatga	aggagaaact	cacacacaag	gcctctgaga	atgggcacta	tgaattggag	600
cacctgtcta	ctcccaagtt	gaagggttct	tcccatagcc	cagaccaccc	tggatgcctc	660
atggagaatt	aaagagagaa	gmctccttaa	ggagccacag	gatggtacct	ggcccaaaaa	720
ggaatcctgg	agaggaggac	agtgacaaca	ggtgacttya	ttcttttagag	tgaactttcc	780
aaacccagtc	cagctggaaa	cagcttatct	ataatctgaa	atgctggctc	aaacagttat	840
ggggagggttc	ccagattgcg	tagcattcag	attgatttga	gcagctccta	ctgtgataag	900
tgtatcccag	atccacaatg	taaatatatg	tgatttgtaa	gaaaaaaaaa	aa	952

<210> 5146

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 5146

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
agaagccggg	gggcaaggct	ggcatgggaa	tgaacacctg	ctggtgacac	ctctctgagc	180
ttcagttccc	ttaactagaa	aaatagaaca	ggcccgggtc	ggtggctcat	acctgtaatc	240
ccagcacttt	agrkatgryt	gmrrcrrktr	swtcwtsagr	tcaggmswtc	mwkaccaccm	300
tkraaacgcg	attgggggtat	tagcaatggt	ttgttacttg	ggcattttca	agaggcagac	360
atagtccaga	agcagaagnt	tgggcaggtc	ccagatcttg	ttctatagcc	ctttatcctg	420
aagctcgtgc	c					431

<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 5147

tgaaaagggt	aaacctgttt	cacctcccaa	atztatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagttcatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
maktckgmmy	kakkcctagt	tcaggcttac	tatctagaac	ctcatgctag	cttaggttgc	240
atgtttacat	tgtctcagtg	tctttacttg	aagcttagtt	ggatcgaaaat	ggacaccgag	300
atggagatgc	ttctggctac	atttcgcaga	accccaggag	acctgcattt	agaccactct	360
gtccatttgt	gtgcccaccc	ccaccccacg	ggtctaagtg	tagactccaa	gaggagcagc	420
ccagagcttg	gaggagagggt	gtgtctggtg	saccactggt	gggtggtgct	gctcttcttt	480
ttgttgtagt	taatgcgggtg	tcttttaaatg	gactctcagg	cctcccagac	agccttggtc	540
ctttaaggca	gaagctcttc	ttcattgtgt	accycctggg	attcatgagg	tgtgagattt	600
ggcctgcttg	actttgaatt	caagtttttc	aagtgactct	cagtgtcaga	agaagatttc	660
atgctgtcca	catgtgggtat	gtccacagct	caccttcaaa	ggcttagatg	tagccatcac	720
agagagtgggt	attttattaa	gaacccaagt	cccagcctga	ccaacatggw	gaaaccccat	780
ctctactaaa	aatamaaaaat	tagccggggcg	tattggcggtg	cgctgtaat	cccagctact	840
caagaggctg	aggcaggaga	atcgcttgaa	cccagaggcg	gaggttgtag	tgagccgaaa	900
tcacaccatt	gcactccagc	ttgggcaaca	atagcgaacc	tccatctcaa	attaaaaaaaa	960
aaatgcctac	acgctcttta	aaatgcaagg	ctttctctta	aattagccta	actgaactgc	1020
gttgggggagc	tgtttcaact	ttggaatata	tgtttgccaa	tctccttggt	ttctaataaa	1080
taaatgtttt	tatatacttt	t				1101

<210> 5148
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 5148

ggaagaggga	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggttcctca	tgcacggcgt	ggagtgcagc	300
gacgtcaagt	tcttccagct	ggccgcgcag	tggttcctcg	cacgtgaagc	acttccccat	360
ctgcatcttc	ggacactcca	agggcacctt	ctaggcccca	cccaccagg	gggcccacct	420
ccttgcccca	ttgntgtgag	ggggcccagc	ttgcattttc	ttgttttaac	attttcagtt	480
ttaattacag	aggacagacg	tttnaaaaca	caaag			515

<210> 5149
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 5149

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
kcaaacgtaa	grtgraagct	atkggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttggcca	tctatacacc	attcttacca	300
cacaattgac	aaatgatgaa	ctttctgaga	aggtgaaaaa	ctatagcaac	ctccttgctt	360
tctgtaggag	aattgaacag	cactattttg	aagatcgtgg	ttaaaggcag	ctgtcataga	420
gttatgtgtt	agtctcagga	gtcttaactt	ttgaaatatg	ttttacttga	atgttacatt	480
agatattggg	gtcagaatth	taaaaccaa	ttactgcttt	ttgaaacctc	aaattatata	540
atgtatctta	tgtatgtgct	ttatattgtt	atgtgtgtat	acattaaaa	aattctgaat	600
tattttaatct	gatatgttgt	attctgtatc	ttgaaattht	tgtttccttg	aaacatgcat	660
gcatttaaaa	ataaagctta	aacaactgta	tggatgttaa	aaaaaaaaaa		710

<210> 5150
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5150

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atttagtgag atttgtattc taggaagtgt gtgccgtcac ttgttcattt acaactgcaa      60
agattgtatg tctcctatgt tttcctttca tgccaaagaa actcaccctt tttaaaagcc      120
agcaggttgc acaaaccaaa aacaaaatat tttgcccctt aaataggcat ttttaagaagt      180
tttatttctt ggtacttaaa tattgtgtag agggaaagct agttgtaata atttgtaaaa      240
atgcgtgtat ttttaggaat gcgctatttc cagtaaggga agtattgaca tttttaagga      300
actgtgctgc attaaaatcc acagttgcat gaaactttta aaagtttaag atataaagta      360
attgctaaaa tttgtgaact actcagagga ctcaatgccc taacatgtag gggattgatc      420
attgcgatgt ttaggccagg atttctcatg attgtatatg gttattgatc atttttaagg      480
ggctgaacct gctgccttta tacttttgac acctccctcc ctccncccw ccaaactgtg      540
gctgtaaaca gtgactctgc atagtcagcg ttatacttga tttctttgtg aatgcaaata      600
aaataaaatt tgtaagtcca ccaaattatt acttaactag gtaaattgt      648

```

<210> 5151

<211> 906

<212> DNA

<213> Homo sapiens

<400> 5151

```

gtactttgag tgtttggggg ttcaacacac acatgcaatt ttgcttaaca aaagtatttt      60
ataatacagt ttcatacaga attaccttaa aagggaagtct tatgttttca actacagata      120
gttgwaaggg atcataccag aagatattga tgatagtkga aatattctta gaaggggtgt      180
gtatgtccta gcctgtgtct accatgtgta tgtattcttg acaagcagta taaaatacct      240
gtgatttttc tttacattag ggataatgca taaggaatta atcttcatat atattatcat      300
ccctaattga gcagggggaa gtatttaatt gcccatgata tgtattttac ttatactatg      360
ccrgagrnga aactataaag taattacmca tgtaatcttg ggtttttcac atatgtaggt      420
attcattttg agtaggttga agaagaaaaa aaatatttaa atgaattgaa ttcctgatgg      480
gatagtatca ataagtattt aaaagccagt attctaaaaa taataaaggg tagggtcatt      540
tttgagtttg tttttctttt gctattgtta atattcaaaa ttaaagtgtt acattggtac      600
ctgtttgtctt aatgcattta ttgagaacag cattgagatg atgaacaagg ggtagcaat      660
agcaaactct ataattattt tgactaatta cttaagagga aaacagtata agtatctcat      720
tcagtattta gcaattctgt aaaataagta ttatctctat ttttcagatg aggaagtaag      780
ggtttagcaa ggtaagaga tctatccaat ttacacagca agttagtagt tgagcctgac      840
catgagtctt ctgactctgt tcttttcact atgcaatacg caaacaataa aatgtttatac      900
aatgg      906

```

<210> 5152

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (677)

<223> n = A,T,C or G

<400> 5152

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caaagcogtc ccttcaaate cgtctttgtg ccactgcca tagtcaaccc cgtgagaagc      60
acagccggcc ctgggacttt aggacaaggg tctcttcgga aaggcgagg cagcatgaga      120
aagaatggat ccctgcagag acccctccag tccgggatcc ccactctcgt ggtagsctcc      180
cycaracsca gccccaccat ggctccttcg cctcagcagt tccaattcta ccagccacag      240
gggatccctt cctccccctc ascogtggtg gtggagatgg ggtccaagcc tgcctcagc      300
ggggagcccg cctcacgtg catcancagg ggcagtgagg ccgggttcca ctccgcgcc      360
agctccctca ttatggaaga caaagaaatc cccatcaaga gtgagcctct gccaaaaccg      420
cccgcatctg cccaccatc catcctggtg aaacagaaaa ctcaagaaat ggcacgaaa      480
gcaagtcaaa accgtgagat ttcagaatta cagccctcct ccaccaaaac ttacacctcc      540
atccacctcc ggaaagcctg acagcagcac cctcaaggcg tccagctgaa gcagcgtctt      600

```

gggccagaga tgacatctat ttgccaccga gtgctgcact cggcaagaga agactcgaga 660
agtagctctg caaggca 677

<210> 5153

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 5153

ggcagtgtg cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctcagcaatt 60
agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgtg gcgkcgacc 120
tggcagtgtg tgaaacccag gcctycagcc ctccaaagcc tggggccacc ccctgtagca 180
ggcgtgtgta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240
ggggccatgg gatctctgtc tcccacaccc ctgtcacggn ccgcctggan cancccatag 300
g 301

<210> 5154

<211> 427

<212> DNA

<213> Homo sapiens

<400> 5154

gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgtcta 60
acagatggac tgataacata ttcgcaataa aatctygsy cramagaaaa tttgggtttg 120
aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatTTTA aactattatc 240
taactaagtgt tactgaattg tcttttgcct gtaactgtgt ttatcwtttt attaatgtta 300
aataaagtgt aaaatgcaga tgttcttcac cccttttggg agaacaaaag caggatgata 360
accatatccc ccagtgctc atcaaagtag gacactaaaa atccatccat ctcagtcaaaa 420
gtcgagc 427

<210> 5155

<211> 775

<212> DNA

<213> Homo sapiens

<400> 5155

cttcagggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60
gttttcaatc tatgttcttg cctcttcata cttttattta ttttttgtca tcctgcctta 120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180
atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240
ttacttagcg tgttatgacc ttccctaccc atactaccaa atttaaatgg gtcccgactt 300
caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360
aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420
tgggtgtttt gtatttccac ctcccccga gcacatagcc cagtctcttg cacaaattaa 480
gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540
ccttggttgt ataagctggg tgtttgtttt gttacctttg caaatattta tgattatcac 600
ccccccacat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccocaggc 660
aatttgctgt agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720
ggatatactt tgccaaacga aatttgaatt ctctgaataa attgggtcatg tctaa 775

<210> 5156
 <211> 713
 <212> DNA
 <213> Homo sapiens

<400> 5156
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggacaaggg 300
 gtgtgaaatg aaaatatattt aggatttatc caaacacaga ctattctgtt ttcagcttca 360
 gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420
 agaagaagga ggcggaaatc tctcagggag aattatttcc tttcttttct atttcagata 480
 cctggagggg tggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540
 acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttctgtt 600
 tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660
 tcctgtcgag atctaattgt cttaatcgtg ccgtaaatgg aattccccca cca 713

<210> 5157
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 5157
 agcagctgca tctaggggccc cttgggtgaga tttacactca gagcctgggc gccccccggtt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggagagcag aacttgtggc 300
 agcaacaggt aaacttcaan aaggagggca ggatcccacc ctacagggct ggganggan 360
 ccaaaggccc catctgtttc tcctccagga gttgtcaagg cagcagaaag gantcacc 420
 gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgt 480
 ctaaaccctc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan 529

<210> 5158
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 5158
 ttcattttta aaaagcttct ctttattatg ttgttgttta acaactkaaa cgctatctct 60
 agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact 120
 cattcaaaat atataaagaa ctccatttac aaagaaattg acaaacagcc cagtatatca 180
 atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggg 240
 atgagaaaac caaatttttag gatatcacta cacacctggg yrtagtttaa aagactggaa 300

aatattaagt	gtgtggggaa	tgtagagcaa	ctgaaaatgg	cctacatctt	tcataggaaa	360
tggtaaaacc	aatacaawta	ctttggcaaa	actctgtccm	acmttttcta	cccmtttcac	420
ccagggcact	yccttccctg	gcttttgggt	tnccccggg			459

<210> 5159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5159

ggatgccctg	gggcagaagc	tgcccagaag	gccccagcca	gggcctggag	agcagctcac	60
agtcttccag	ttctggagtt	ttgtggaaac	cttggacagc	cccaccatgg	aggcctacgt	120
gactgagacc	gctgaggagg	tgctactggt	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgctgaag	gccctgagat	tggcgcccga	ggggcgctctg	cgaagggacg	ggctgcgggc	240
cctcagctcc	ctgctcgtcc	atggcaacaa	caaggtcatg	gctgctgtca	gcacccagct	300

<210> 5160

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (540)

<223> n = A,T,C or G

<400> 5160

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccacccct	60
ttttccagtt	ggatttggtt	ttctgttctc	ttctgtctcg	tcttatactg	caactgtgtc	120
tcctagggga	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcag	180
agcmwtaact	caatcactca	gcccctccaa	agatagtga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300
accattctt	cttgctatcc	tccatcccc	ttgaggcttc	cacttttttt	tttttttagac	360
ataaagctgg	gcatcagcaa	ctgggcctgt	gggtgatgca	aagctgcttt	gctctgtatc	420
tgggctggga	cttgatctgt	ctcacaagga	aggccatgag	ggncataggg	ggaggaaggc	480
ttccttntcc	cccttcatct	ttctgnttcc	aaagggtggg	taggggcaagg	aggggagtta	540

<210> 5161

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (683)

<223> n = A,T,C or G

<400> 5161

atacgatggg	gtgcttgggt	gatgggccat	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagtgg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tgttggggct	tcatgaacta	ggatgaaagg	aggcccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300
cctggctcgtc	actctgggca	gggatgccgt	cagccttgag	ggtcgccacc	cacctgtgtg	360
ttgccctctg	tcctggcggg	gaaacataca	ccccttgtct	caccaccaac	cttgcttgtg	420
tagtcnrcag	ggctgccctg	ccccaaggac	tcactgcatg	tacccggacc	cctaggcctg	480

gcctttgcag	catagttggg	agcttctgga	ttccatctgc	acctgtgagc	cccatgctgg	540
ctgtgcactg	cgcgggcctg	agactgctgg	atacaatgtt	gggcaacaac	tcagccagcc	600
tgatggcagc	ctcagaggct	tactctaacc	catcccagaa	taaatggaga	cttcatgtgt	660
tcattgtttc	attcactcaa	aaa				683

<210> 5162

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 5162

ctgacctttg	tagagaatcg	gaccttcgac	atgcaatggc	caattgtttt	gaagcgtaa	60
taggagctgt	ttacttggag	ggaagcctgg	aggaagccaa	gcagttat	ggacgcttgc	120
tctttaatga	tccggacctg	cgcgaagtct	ggctcaatta	tcctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300
tcacattgag	aactgtggga	tttaaccatc	tgaccstagg	ccacaatcag	agaatggaat	360
tcctaggtga	ctccataatg	caacgtggta	gccacagagt	acttattcat	tcatttccca	420
gatcatcatg	aaggacactt	aactttgttg	cgaacgtcgt	ttggtgaatn	atagaactcc	480
aggccaagct	agcggaggag	ctgggcatgc	aggagtacgc	cataaccaac	cgacaagacc	540
aagaggcctg	tggggcttcg	caccaagacc	ttgggcgg			578

<210> 5163

<211> 395

<212> DNA

<213> Homo sapiens

<400> 5163

cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggtecccc	aggtagacat	60
ggagaagcac	tttgttttta	ataggagggt	ttcatagttg	catctgaagc	cacctgggtc	120
tgttwawstg	ttrtcgtgca	ggtwkwgggt	ttggcattat	tcagtgttct	gatcaattct	180
atgcaactct	catagtctct	gttacttttt	agcattagct	gccaaatgac	ttcaaaaggc	240
tgggggtggg	gacttgactg	tgagactgga	ttataacatg	gacaaatctt	atthttgctta	300
atgtgtttgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatgtat	atatatatat	ataaatatct	360
ttcccaatat	gccccgttga	cagtgtttta	attcc			395

<210> 5164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5164

cagaaaacta	gcaggttaca	ttttatagge	tattgtagtt	ttattttacca	aatgatattc	60
tctaaatcac	ttcgaccaat	aaatgtatto	tcctccttaa	agcagagttg	tatcaactct	120
gtgggagcat	ttatgagctg	tcagteccca	cacttctagc	cagaatcaca	ataaggtctg	180
gctgggtgtg	gggtgctgca	taggaaaggg	tctctggaga	agcaagaagg	gcacaatcat	240
ggcccactgc	ccccctcttc	ttctcagtcg	tccttgccct	ctcctgctgc	gatgcttctc	300

<210> 5165

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5165

ccttcccacc	ttgtgagttc	tcccagcagt	tcctggattc	ccctgccaaag	gcactggcca	60
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttgggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggcgctgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggt	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggcttatgt	ggagtttaca	300

<210> 5166

<211> 655

<212> DNA

<213> Homo sapiens

<400> 5166

ccattgttag	catcgtagac	gattgtgatt	tttatgtcaa	aagaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacatttgga	tggcactggg	tmmamgtaga	gcatccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaaagagt	ctgttttaggg	gttaaagtac	240
tgtaactcac	gactgttaaa	aaataaattt	tcctgtgctg	taaaggaagg	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgcctt	ttttttaagg	360
aggaagcctt	tgttttgttt	tcctgagccc	tcactctggt	tttgtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatggct	gacattgtat	caataactaa	aactgaaaca	480
ttcaaaagcg	aacagggaaa	ccgagggcct	caagcgtgct	cagagccgtt	tcagacagtg	540
gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgctttg	taaaattcac	600
atttacaana	taataaagtc	agttcaaacc	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

<210> 5167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5167

cacctgtgcc	cccaggtcca	aggtctcttg	caggtgcaca	ccagcccaac	tctgcagggc	60
ttctytccct	gccaccaccc	cccaagccag	gaccccactc	cttccccgag	gctgagctga	120
gcctttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaccc	300

<210> 5168

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5168

ttactttttga	ttgtgtctga	tgggaactga	gttgttgccc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattcct	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttta	acactttttt	tcataatata	tattccccag	tagatatatta	180
taaaatatat	gtttctttta	ttatgtgttt	gtaaaattag	agttttaata	aatatgcttt	240
gatgcatagt	tttgaactaa	tgtaacatga	tttttctttt	ttaaaacagc	ctgaaaatgt	300
actagtgttt	aaaaataaag	atttccattt	tctccaaaaa	aaaaa		345

<210> 5169

<211> 703

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5169
 cgcgacgggg gttcagggaa tatttactgg gcctctcgc tccctctgct cttggagggtg 60
 ccatgagggtc agttagctac gtgcagcgcg tggcgctgga gttcagcggg agcctcttcc 120
 cgcacgcaat ctgcctcgga gacgttgata acgatacgtt aaatgwacys gtsgygrsag 180
 mcrycagmgc ggaagggtgtc tgtgtataaa aatgatgaca gtcggccatg gctcacctgt 240
 tcttgccagg gtaatgctga cttgcgttgg gggtggagac gtgtgtaata aaggaaagaa 300
 cctgttggtg gcagtgagt ctgaaggctg gtttcatttg tttgacctga cacctgccaa 360
 ggtgttggtg gcttctgggc accacgagac actaatcgga gaggagcagn gnccagtctn 420
 caagcagcac atccctgcc acaccanggt catgctgac agcgacatcg atggagatgg 480
 gtgtcgtgag ctgggtgggtg gctacacaga ccgtgtgggt cgagctttcc gctgggagga 540
 gctaggtgag ggtcctgaac atctgacagg gcagctgggt tccctcaaga aatggatgct 600
 ggaggggtcan gtnngacagn ctctcagtga ctctggggnc actnggtctt cctgaactga 660
 tgggtgtctca gccaggtnng tgcgttttgc aattctnctg ng 703

<210> 5170
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 5170
 acaaggacaa gaaagaaagt acggttgcaa cggctggctc gcatgcatgc cgacatgatg 60
 gaggatgttg aggaagtata tgccggagac atctgtgcat tgtttggcat tgactgtgct 120
 rgtggagaca cattcacaga caaagccaac agcggccttt ctatggagtc aattcatgtt 180
 cctgacctctg tcatttcaat agcaatgaag ccttctaaca agaacgatct ggaaaaat 240
 tcaaaaggta ttggcaggtt tacaagagaa gatcccatat ttaaagtata ctttgacact 300
 gagaacaaag agacagttat atctggaatg ggagaattac acctggaaat ctatgctcag 360
 aggctggaaa gagagtatgg ctgtccttgt atcacaggaa agcc 404

<210> 5171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5171
 gttccccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
 agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgag 120
 ccgctgggta aggggtgatgc ctagecctggc ttattgcacc ttccttttgg cggttggctt 180
 gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggctggcc taataactgc 240
 tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 5172
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 5172

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agcatgccct aaagagggac cagctgtagt aggtcagttt attcaagatg tcaagaactc      60
aaggtctaca gattccattc gtctcttagc tctactttct cttggagaag ttgggcatca      120
tattgactta agtggacagt tggaactaaa atctgtaata ctagaagctt tctcatctcc      180
tagtgaagaa gtcaaatacag ctgcatccta tgcattaggc agcattagtg tgggcaacct      240
tcctgaatat ctgccgtttg tcctgcaaga aataactagt caacccaaaa ggcagtatct      300
tttacttcat tccttgaagg aaattattag ctctgcatca gtggtggggc ttaaaccata      360
tggtgaaaac atctgggcct tattactaaa gcactgtgag tgtgcagagg raggraccag      420
gaatgttggt gctggaatgt ctagggaata ctcactctaa ttgatccagg aaactcttcc      480
ttccacggst ttaaggggtt actttgattc agggtttatt catnattgnc ccgaagggtc      540
agtgggttta cgggctgttg aaattttnac aattttcttg nacctntcc aca          593

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<210> 5173

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 5173

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gacacattaa aagagagata tcaaaaaatt ggtgacacca aaaggaatac tccattgaa      60
gctctctgtg agaactttcc agaggagatg gcaacctacc ttcgatatgt caggcgactg      120
gacttctttg aaaaacctga ttatgagtat ttacggacct tcttcacaga cctctttgaa      180
aagaaaggct acacctttga ctatgcctat gattgggttg ggagacctat tcctactcca      240
gtaggggtcag ttcacgtagg attctgggtg atctgcaata actygagaaa gccacacaca      300
tagggatcgg ccatcacaac agcagcctct tcggaaatca ggtgggttag ctcaaccaat      360
gggagagctg gatgttggat gatccccacg ggagccccan tcccaatggc acccattcac      420
agcttcatgc ccgaggtggg aggtagt          447

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<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

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gggtgcagtg gctcactcct ataateccag cattttggaa gtcctatgca ggaggattgc      60
cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa      120
agtaatatata aaatttttaa aagtgtataa actgtaaagt atattttact ggtgttttct      180
tccttattcc tacttgtcag atgcaaatac acatttttgt gtgttttgtt ttagtaatta      240
taagtataca tatttcattc ttctatttca tatattttct tgacattata tcttagatgt      300
gtaatttatg aactactact ggattatatt aatccattag aaattactat tcacgcattc      360
tgtattcaat tcatgtgata gctaataat ttggttttta atgcatctta ttttgtgggt      420
ttcttctagg ctgttttttg tgctttcttt taaaaatata taggttttaa taatcttaat      480
tttcttttag tttgaaatgt atatactcat tttattcatt agtctaagat aagaattgta      540
acacttctct aacctattat agaattgtta atacctttac ccttctcttg aacacatcaa      600
aggatgtcat tgagtgttg tattggagta tagcatatct attattctgc tcaattagaa      660
gatattgttc atgttgtata gagataataa gtaattgtat tgatctgcag atgcatccat      720
ctcttggaat ctcattectt ctaccactgc agaactttca cctgtaatca ctttcttttg      780
gcettaagga taacttttag ggttactttt ctactaaatt tocaattttt gaccagatat      840
aatcttatat tgtgtctctt ctgaaaaata ctattgttgt ggatagaaat ctgggttggt      900
agttatttct tcagcaattt gaccatgtca ttccactgtg tccctggcct cctgtatact      960
ggatgtgaat ggatacaatt atatatgttg tttatagttt tctgtgtgta taggaacagt      1020
attccccgaa tctgatgcaa aggacaacac accctagaga ttgtaacagt gagatgaacc      1080
aagtgattgg atgggggttt gagttgctgg aataatggag ttacagtgtta caatgcataa      1140

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gcaacataat aaattatata tctgggtgaac

1170

<210> 5175

<211> 301

<212> DNA

<213> Homo sapiens

<400> 5175

cgccgcacag ctgctgaatg settggrryt wgstggygcr ttwcmkrms ymgsrctga	60
agctcagccc tggccaggtc cagaccttcc tgctgtgggg agcagggggc ctggctcgtct	120
actggctgct gtctctgctc ctgggcttgg tcttggcctt gctggggcgg atcctgtggg	180
gcctgaagct tgtcatcttc ctggccggct tcttggcctt gatgaggctg gtgcccggacc	240
cttccaccgc ggccctgcta ctctggcctt tgctgatcct ctacgccctg ctgagccggc	300
t	301

<210> 5176

<211> 349

<212> DNA

<213> Homo sapiens

<400> 5176

ctgagatctg cttttactga agtggatcaa tgatgaaact agccaaatct gagcatcaga	60
agkctttccr gtctacctga tgcctgatct ctacagttct gagaagcara actataaaac	120
aatgtaaaac aataagggca tatgtctggg gtgtgtgtgt gtgtgtgkgt gtgtgtgtgt	180
gtgtgyacsc acaygtgttt ataaagrtar cagytgtagg aatgaatgag attgrgggtg	240
rgggggtgcr tatgtatgtc tatgaaagcc taatcatttc tgggcaatga tgwaaagggt	300
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<210> 5177

<211> 907

<212> DNA

<213> Homo sapiens

<400> 5177

gctgtacgga gagtgtctgga ccgaggggag ctgggagcag gtactgcctc catcctgagc	60
tgccttctct tgaagggaga acctggggta ggggttcgagg agcctggcra gaactgtgca	120
cctcctcggg aggagcagcc cctcctgtgt ctgctttccc cctcccttca atatgctggg	180
gcggagacyc kggcctccaa agtgcaattc cgggacccca aatcccagcg gacgcaccag	240
gctcaggtgg cgttccagggt gtgtgtgccc cctgggtcct acaccccggg accccttcc	300
gctgcccttg gagaacctcc tgacctcac ttcagtccag ccgaacttga gtgggtcact	360
aaggagaagg gggccacact cctctgtgcc ctgctggtac ggggtggaatg aggggtgaga	420
caccactact acaagcacag tggggccgag ggcattggga ctctgagtgg cgactgctcc	480
acctcattcc cgtgactcgt ggcctgcgca ggtgctggar cttggcagcc gcgcaggagc	540
atgtaggcag gctctcagat gtaggtggca agtggcacag ctccatgtcc ggaggcccag	600
cactcctgct gatgggagga gycgtgggag ccagctcca ggccctggta cccctcttca	660
tgcactgatt tggggaacat gactcccttt tactccctca cccacatca cttaatttat	720
ttcgtttttt gtttctgggt actgtgaatc ccagaggagt ctctccctgt gccacatga	780
agctgctttt tccggggcca cggggcggga gtgggggaagg gtggggcgac ggaagatggg	840
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aaaaaaa	907

<210> 5178

<211> 865

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 5178
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 accttttttaa attatgttag agatgtatat aggtatttaa aggtcactgg gacggtttct 180
 gattcccggc cacactttgc atttcaacac tcagcccggg aagatgctcg ttcggttggt 240
 ggacctcttt cactccctgc gtgtaagaag gtgaatcacg tgggaaaaag tggmtyytya 300
 gtaaacgggt acagctcatt ctttctgaga aggcccccagg tcctgctccc tcctcggatt 360
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 ctttggtgag cttcagtggg cagagtgaag tcccgcatta gcatttaggt gccctgagct 480
 gtttctgcca atagattaga aagcagccat gagttgacag tcttttagggc ccctgccagt 540
 gtgcaattag tcattgacaa gaacaatgcc atttgagagt gaggtggtcc ctgctgctac 600
 gaggccattg tactgttttt tccttgaggt caaagcagt cttcccatag agtttgctgc 660
 ctcttctgtg gacaggaaga aaacttcatg accgaatcag agccttggtg gccactgact 720
 ctctgtctta ttgcagatgc tgtggttggc ctcaacagca acgccttatg ctgatgtgca 780
 gaggtgccag ctgccawttt gccaaactct gcatttcatt tcactaang gyttargccc 840
 ctcttncttc cgggggttan ccgtg 865

<210> 5179
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5179
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 saaagctggg aattcyttga yaragtkawk masaatgcmk mcawaatgaa tgcattyasr 120
 ctrytrtggt ttactagaca tcaaagtaaa ggagcagtct ttggaaaatc taatcaaggg 180
 aaggaagatc tatgaacctc cacggtatat gagtgtaaac caagcagccc agcagcttct 240
 ggagattggt caaaatcaaa gaatacaggg agaagaacca gcagttaccg aggagacact 300
 ttgtgttggc ttagccaggg ttggagccga cgaccagaaa attgcagcag gcactttaag 360
 gcaaatgtgc actgtggact tgggagaacc attgcattcc ttgatcatca caggaggcag 420
 catacatcca atggagatgg agatgctaag tctgttttcc ataccagaaa atagctcaga 480
 atctcaaagc atcaatggac tttgaacata gatatttacc attgtctgat gtaaatttca 540
 gccatatatg gattgatatg gtttggtatg atcccccccc aagtctcatc ttgaatttta 600
 atcctcataa ttcccagggt ttgtggtagg taattgaatc atgggggagc tttccctcat 660
 gctattctca tgatagttag ctttcatgag atctgatggt tttataagt cctggcattt 720
 cccctactgg ctctcattct cactcttgcc gccctgtgaa gaggtgcctt ccaccgtgat 780
 tgtaagttt cctgaggcct tcccagccat gtggaactgt gagtcgaaaa ttaaactctt 840
 tttataatta cccagtctcg ggtatttctt catagcagtg tgagaatgga ttaataacctg 900
 gatgcatgca tgtttgtgta acaaacagggt cttttggcct atctagtaag ta 952

<210> 5180
 <211> 657
 <212> DNA
 <213> Homo sapiens

<400> 5180
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 ccagcacttg tattgattat ttttcatatt gataatgttg ggttttttaa aactccttta 120
 tgatggaaaa tttcaaacat acacaaaagt agagagagaa tggataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcatgt atgaactcaa caacttcccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

ctagtatcta	aatctggaag	agactctttt	ctaacagttc	tgtagcatta	attataactca	360
tactgttgtg	caacaaatat	ccagaaatct	tttgtcttgc	gaaactgaac	ctcttaccga	420
ttaaactacta	actccctttt	ttttcacccct	gaaccatkcg	caaccacaaat	tttactttct	480
ttttctgtga	gtttgattac	ttgatacttc	atgtgagtg	aatcatataa	tayyytctt	540
tytgtgactg	acattttatt	tagcttaatg	tcttcaagtt	tgaccatac	catatcatgt	600
ggcaggattt	ttcccttttt	ttttttttca	gacggrgytc	gytctgtcgc	cagggtgg	657

<210> 5181

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (969)

<223> n = A,T,C or G

<400> 5181

ctgggagcga	gacggtggcc	cggcccagcc	ccatggggcca	cacgggctgg	tgagacgaga	60
ggatggggca	gcaggggacc	gggacctg	ggcagctgtg	gtgaatcagg	acgctgagga	120
gccaggaggc	ctkccctggag	gcggtgctac	gtcgactaca	ggsacagtgt	cggcaggaac	180
tggccaggct	ggtgggagcc	cgccttggtc	tcactctggat	cccgccacct	ggacgctgag	240
ggcctgtcga	cgggcccctg	tgtgggaagc	ctgccttggtc	ccagcctggc	tggtgtcttg	300
aggagcagat	tccaaggcag	gtggcgagc	gacgatgcag	atgcagagcc	cacgtcacat	360
gctcgctcca	gggggtggggc	tgggctgact	ctggccggat	cccaggcctg	tggctagcag	420
cactggggac	aggaatggct	ggtcccttga	ggaggctgtg	acaggctcag	cctggtgggtc	480
tggaggggac	tcggaaataa	attgtagcag	cttccctg	gctggccctc	ccctgcccac	540
cctgtcgggt	ttccctgttt	gggggtggga	gcgtggagga	gcccctggca	gttgggtggcc	600
agtgtagggc	tggccaggtn	ctggaggaca	tgcatacccc	agcactgggtg	agtggcagga	660
ccacggggag	gtggcacagg	cctccctgga	gcnngattat	ctcgcccccg	cccccccttca	720
tttgggctcc	cgtgtggggc	ctggcctggg	ctgtgagcac	agcttgcccc	nacctccggc	780
catggctgtg	nctggtgggt	ncgcgggatg	ggagccccggg	gctcttgctt	ccttttccccg	840
ggaagtgggt	tgttccggg	tngggaggna	cagcattggg	acaagagggg	ttttntttcc	900
anaggctgtt	caagcaaagt	tnaagttgat	tccctgacaa	agaagcatnt	gttttccccg	960
ngaacttgc						969

<210> 5182

<211> 280

<212> DNA

<213> Homo sapiens

<400> 5182

gaggagttaa	atthttgaagc	tctttgagaa	aggtaccttt	tcttaacatg	ttkkwtaaat	60
aaaaatacaa	tggtttatth	aaaatgtccc	tatgcattgt	gaaatgttaa	ataccaagtg	120
gatgaatgg	tctcaaatat	attgtaattg	agaattatth	acatgcattc	attgttttaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcaat	aaaattacct	240
gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

<210> 5183

<211> 758

<212> DNA

<213> Homo sapiens

<400> 5183

gccacacggg	ccgcatcat	ccctgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120

attggcggga	ccttcaccgt	cgccggcatc	ctggactcat	gcattcttcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acaccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgccctgtc	tcctttggcc	ctcaatctgg	300
tcccaaactct	ggctgtgtcc	caaaggggtgt	gtgggaagtgt	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	tcccttttcc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
gtccagggat	cttggggacc	cctcctagga	gagctgcagt	ctcttccctc	aggggaacat	540
cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgag	ccccactag	600
gtggacacat	taatgatttk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacaccgggc	720
accttcacg	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5184

ttccctccct	cctcctttca	ttctccttct	ctccttctcc	cttccttttc	tcctacctcc	60
tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttccct	cttctctatc	120
aataataatca	ctttgtttct	ttcaggtgag	atcggtactgg	aactgttcgg	ctgcgaccag	180
aaattttattt	tcttgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcatctc	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185

<211> 333

<212> DNA

<213> Homo sapiens

<400> 5185

atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtggttag	gaagggacag	agccaggact	60
ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgtttctca	tcattgccagt	240
tcaaacatga	atacatggtc	aaccttggtat	cacttaaaact	cytgcasaca	agccctgccc	300
catcctgttg	ttttgaataa	aatccatcat	tgt			333

<210> 5186

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5186

aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	cccccttagc	tcctatgact	120
ggaacccatt	gaaaagggtgt	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct	180
catggttatg	atcgccatga	agatggagca	taccataaag	tctccaaagg	atggcacagt	240
aaagaaagtgt	ttctacagag	aaggtgctca	ggccaacaga	cacactcctt	tagtcagatt	300
tgaggaggaa	gaatcagaca	aaaggggaatc	ggaataaaact	ccagcaagga	aatggccagt	360
taagtagtgt	cttctctctc	caccaaaaag	aggaagtgcc	tccagctttt	ctgggggtct	420
cataaagagc	agttttacta	aatgattgta	tgcttatgct	gaacaccttt	catattggag	480
aatcatgcat	ttgggtcact	aattatctca	aaatattttca	tactaataaa	gttgaattat	540
tttttattgg	aagcc					555

<210> 5187

<211> 1029

<212> DNA

<213> Homo sapiens

<400> 5187

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aacaggaata tggaaagaaa ctcaagagccg agttagtggg aaagtggaaa gcagagagag      60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa grgatcaaca      120
tctatgcagt caccgaggag gaggcggacg aggaaggcag ccaggagaaa ggaggggacg      180
acagccagca gaagttcatt gctcacgtcc ctgttccctc gcagcaagag attgaggagg      240
cactgggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg      300
cccaaagtga agaagccaga aggctcctgg ggtattagga ccagctggg gctctccttg      360
gagttcttcc atcccccagt ggtacctcag gaccaggggc tkcagacaca ggctgggtgct      420
gcaagggctc ctgccccatt ctacgccttc ctccctctc cttgtctcat gttgaccgga      480
gggtaggggt ctgtccctgg tcttccctgg aggttttgta cacatatatt gctactgtgt      540
ggatccattt atttttattg tggagtgtat acaacagggt gcgaactggc tgctgtgtgc      600
ttattttgac ttgactgcc attttgaggg gagaagaatc aattagtggc aaacatttaa      660
aatgcaatt ttttgagac caaagtataa ttttaaaaaa tgcaaatatt ctaaaagaca      720
catctcttga aaaatgagat gatgtggcca ggcgcaagt cagcctgta accccagcac      780
tttgggaggc cgaggcgggc gggtcacgag gtcaagagat ggagaccatc ctggccaaca      840
tggtgaaacc ccatgtctac taaaaatata aaaaaattag ctgggcgtac tggcatgcac      900
ctgtagtccc agctgcttgg gaggtgagg caggagaatc acttgaacct gagagggtga      960
ggttgaagtg agcaagactc gtgccattgc actccagcct ggcgacagag tgagactctg     1020
tccccccac                                     1029

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<210> 5188

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 5188

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gmnctataga atacaagcta cttgttcttt ttgcngganc ccwtckagws kgaattatag      60
tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat tatgatatr      120
ccatttaata acattgattt cattctgttt aatgaatttg gaaatatgca ctgaaagaaa      180
tgtaaaacat ttagaatagc tcgtgttatg gaaaaaagt cactgaattt attagacama      240
cttacgaatg cttaacttct ttacacagca taggtgaaaa tcatatttgg gctattgtat      300
actatgaaca atttgtaaat gtcttaattt gatgtaaata actctgaaac aagagaaaag      360
gtttttaact tagagtagcc ctaaaatatg gatgtgctta tataatcgct tagttt      416

```

<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5189

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aatggcctgc ctcacacgtc agccagaacc cagctgcccc agtcaatgaa gattatgcak      60
gagatcatgt acaaactgga agtgctctat gtccctctgc tgctgctgat ggggcgtcag      120
sraaaccagg ttcacagaat gattgcagag ttcaagctga tccctggact taataatttg      180

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tttgacaaac	tgatttggag	gaagcattca	gcacctgccc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatcacc	ttgaagatac	agtttttgag	gcttcttcag	300
agcttcagt	accaccacga	gaacaagtac	ttgttactca	acaaccagga	gctgaatgaa	360
ctcagtgcc	tctctctcaa	ggccaacatc	cctgaggtgg	gaagctgtcc	ttcaacaccg	420
acaggagt	gggtgtgtga	tggggaagag	ggggcttatt	taactcgtct	ggttgcaggt	480
tcatggaaga	agggagccag	caggagtcgt	cttttcaggt	tttnggcaag	ctcggggntg	540
ttgggagagt	tttctctccg	aggggaccac	ct			572

<210> 5190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5190

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacggggccg	240
ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	aagggtattca	300

<210> 5191

<211> 553

<212> DNA

<213> Homo sapiens

<400> 5191

ggtacacgaa	gagggtgataa	tgacagccac	caaggagatt	tggagcccat	tttagaggca	60
tctgttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggtctt	tatgggcatg	tccctctctt	tacaagccca	tcatgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaagggtc	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttctctt	tgcatggaca	ccggcctcct	300
atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	aacaggcaac	360
atttgacac	atctcttagg	tatgtaatgt	cagtgatgta	atgagctggg	gattcaacttt	420
cttctttttt	attttcatgt	atttgagggt	aagcacagaa	cttcagaaat	gtatttggat	480
ttgccatttt	gtttttctgaa	tttctaataga	tgaattttct	gactgggttta	ctcgtagttt	540
atcctgggtt	gca					553

<210> 5192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5192

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatggt	gcctgaggga	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaagtgtct	gcacccaaat	acattgacta	tttgatgact	tgggttcaag	300

<210> 5193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5193

gaaccaagaa	aatattttaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
------------	------------	------------	------------	------------	-------------	----

gttaacaactt	tttctacaaa	gaaatggtgt	gcctggatgg	tctgttaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtgagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 5194

<211> 575

<212> DNA

<213> Homo sapiens

<400> 5194

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggagggc	120
tcctgaccaa	gacctggggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctggtgct	aagggtggctg	tggatgccac	300
agcatgaacc	agatgccgtt	gaacagtttg	ctggtcttsc	ctggcagaag	ttagatgtcc	360
tggcaggggc	catcagccta	gagcatggac	caggggcccgc	ccaggggtgg	atcctggccc	420
ctttggtgga	tctgagtgc	agggtaagc	tctctttgaa	aacaggagct	tttcaggtgg	480
taactcccca	acctgacatt	ggtactgtgc	aataaagaca	ccccctaccc	tcacccacgg	540
ctggctgctt	cagccttggg	catcttcata	aatgg			575

<210> 5195

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 5195

aagcagcttg	gggctcactc	cccctccacc	ttgctgacca	ccctcatggt	ctttaataacc	60
aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggctctg	120
cgacagacaa	agaagaacct	ctctaattcc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300
aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	cctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
aggcagatgg	gggacaattg	tttgacgcgg	gttcnggggt	gattaaggag	gaanttt	477

<210> 5196

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5196

cccaggatga	actggttgca	gtggctgctg	ctgctgcccc	ggcgctgaga	ggacacgagc	60
tctatgcctt	tccggtgctg	catcccctgc	ggcctcctgt	gygcgtgctg	gcctcagcac	120
catggtgcgc	cagggtcccg	cggctccgcg	ccagatcccc	cccactacag	ggagcgagtc	180

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aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc cttcgatgag      240
ctgcgacctc tcacctgtga cgggcacgac acctggggca gtttttctct gactctaatt      300
gatgcactgg acaccttgct gattttgggg aatgtctcag aattccaaag agtggttgaa      360
gtgctccagg gacagcgtgg gactttgata ttgatgtgaa cgcctctgtg tttgaaacaa      420
acattcgagt ggtagggagg actcctgtct tgttcatctg cttttccaag aaggctgggg      480
tgggaagtag aggctggatg ggctgtttc cggggctttt ccttgagaat tggctnagga      540
nggcggcccg aaaat                                         555

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<210> 5197

<211> 1175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5197

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agattatgag catgtagaag atgaaacttt tctcctttc ccacctccag cctctccaga      60
gagacaagat ggtgaaggaa ctgagcctga tgaagagtc ggaaatggag cacctgttcc      120
tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat      180
ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa      240
aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag      300
gctattccct aaactgcagt ttgaggattt tattgacaga gttgaatacc tgggaagtaa      360
aaaggaagtt cagacctgtt taaaacgaat tgcacttgat ctccctattt tacatgaaga      420
ttttgttagc aataatgatg aagttgcgga gaataatgaa catgatgtca cttctactga      480
attagatccc tttctgacaa acttatctga aagtgagatg tttgcttctg agttaagtag      540
aagcctaaca gaagagcaac aacaaagaat tgrgrgaaat waaccaactg gccytggaaa      600
gaaggcaggc maagctgctg agtaatagtc agaccctrng aaatgatatg ttaatgaata      660
caccagggc acacacggtt gaagagggtt atactgatga ggatcaaaag gaggagtcaa      720
atggattaaa cgaagacatt ctggacaatc catgtaatga tgctattgcc aatactttaa      780
atgaagagga aacactgctg gaccagtctt ttaaaaatgt gcaacagcaa cttgatgcta      840
catccagaaa tattactgaa gctagataag ttccattaa gagaaaatgt atctgttaag      900
tcatcgctct gcaagcttgg cgttactatg tattttttct tcttggagtg aaaatcctta      960
gatagtaaaa ctgttataga ttattgttta aaatctgata atctgggtatt tattttataat      1020
tatggggctt gtcactttag ttaaactctat ttgtntctct tagtgtttgt ttttatatag      1080
gtattttctc ataaaatgat taggaggtta tangcagttt ctgctgctgg tctgtcattg      1140
aatgccttgt tttcactaag ttgggaggtt tggtt                                         1175

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<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

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gtccgaagaa aaagactgtg gtggcgagga tgctctctcc aatggcatca agaaacacag      60
aacaagtttg ctttctccta tgttttccag aaatgacttc agtatctgga gcatcctcag      120
aaaatgtatt ggaatggaac tatccaagat cacgatgccg gttatattta atgagcctct      180
gagcttcccta cagcgcctaa ctgaatacat ggagcatact tacctcatcc acaaggccag      240
ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg tatctgctgt      300
tgcttctcag tgggaacgga ctggaaaacc ttcaacccta ctgctgggag agacttatga      360
attagtgcga gatgaccttg gatttagact catctccgaa caggtcagcc atcaccacc      420
aatcagtgc tttcatgctg aaggattaaa caatgacttc atctttcatg gctctatcta      480
tcccaaactg aaattctggg ggaagagtgt agaagcagaa ccaaaggaa ccatcacctt      540
ggagctcctt gaacacaatg aggcataatc atggacaaat cccacctgct gtgtgcataa      600

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tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aaatgtgtgt	tgaattttta	gccatgtggc	ctttttggta	aggaattaca	720
caaagttgaa	ggctacattc	aagataaaa	ca			752

<210> 5199

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5199

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcgcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gacccacatc	cctccacccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccttgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200

<211> 530

<212> DNA

<213> Homo sapiens

<400> 5200

ggatttctcc	tccttccgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
tctggggggc	acacagctgc	tgaggcgggc	ggttgaggcg	gcccgaagg	acccaggggtg	120
ctcaggcctg	gttgtggata	gcggcctgtg	tggagaggag	ctgcttgtrg	gcagtgagga	180
ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttctt	240
gtgggttcgtg	agcatggacc	tggtgcaggt	cttscastgs	cwctwcrmcw	gyaayyycw	300
cmctctcttc	ctggagcatc	tggtgtccga	ccatatctcc	ctttccacgg	gctccatcct	360
gttggggctc	tcctatgtcg	ctccccatct	caacaacctc	tacttctctg	ccctgtgccg	420
gcgctggggc	gtctacgcgg	tggtgcgggg	gctcttctctg	ctcaagctgg	gacttagcct	480
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<210> 5201

<211> 837

<212> DNA

<213> Homo sapiens

<400> 5201

atacactgca	tttgctgggtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcagggtg	ccagcatctg	ggaaggccct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaagg	agagctaaca	tgctcccga	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttgtga	cctaatactc	tcccaraagg	ctccgcycc	300
aaccctgttg	cattgggatt	aagtttccaa	cacatgaatt	gtggagacaa	cacattcaaa	360
acatagcatt	ccacaccttg	ggctccccag	attcatgtcc	tcacatgcaa	aataaattca	420
ttccatccca	atagccccta	aaaagtctta	acttgttcca	gcatcaactt	taaagtcaaa	480
gtccaaagtc	tcatctaaat	cagatatgag	tgagactcaa	ggcatgattc	atcatgagac	540
aaaggatgta	catttgcaat	gtttgtcatg	tcagacaaaa	caaaaatatg	taaatatcca	600
tcaataggga	actgctgaaa	aatttttttg	tataatcata	aaatgaaaca	tgcagatgtt	660
taaaccaatg	agctagatct	caacgtgctg	atatggaaag	tgcttcagaa	tgtattaagg	720
acataaatta	agtgtacaat	aatgtgtgtg	tgtgtatata	tgtatatgct	tacgtgtgta	780
tggaaagtat	ctcagcagat	acaataaaaa	cttaattgtg	attaaaaaaa	aaaaaaa	837

<210> 5202

<211> 589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5202

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ggaaaatcta	aaacgtgctg	tgaaaacaaa	gaagagaaat	gttgaggaa	agattgttta	120
aaactaatga	aatacctttt	arwwcrgcws	aragaaaggt	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaaccct	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300
tttcttcagt	gcctcaggac	agaaaaactt	gagaattatt	ttattcctga	attcaatcta	360
ttctctagca	acttaattga	caaaagaagt	aaggaatttc	tgacaaagca	aattgaatat	420
gaaagaaaca	atgagtttcc	agtttttgat	gaattttgag	attgtatttt	ttagaaagat	480
ctaagaacta	gagtcaccct	aaatcctggg	agawtacaag	awaaatttgg	aaaaggggcc	540
agacgctgtg	gcttcacacc	tgtagttccc	agcttctttt	gggngggcc		589

<210> 5203

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5203

gcatttggcc	cattggccgc	attctgctga	cccatcacct	tgggtgctttt	tctgcttttt	60
ctcygtygtm	ctctgtgtgt	gttcctttgt	cctgacccct	gtcaccttgt	gggtccaaaa	120
tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtccaaagc	aggagctgag	180
ggaaaatgaa	aaacaacttc	ttcatcaccc	gaagcccagc	aaacttctcc	ttaaaaatca	240
ctggtcaggg	ctgggtgcag	tggctcacac	ttgtaatgcc	agcactttgg	gaggctgaga	300
tgggcagatc	acctgaggtg	aggagttcga	gaccagcctg	gccaacatgg	tgaaacctca	360
tctctacaaa	aatgcaaaaa	ttagccgggc	ctgggtggcg	gtgcctgtaa	tcccagctac	420
tcaggaggct	gaggcaggag	aatttcatga	acctgggagg	cggagggttc	agtgagccaa	480
gactgtgcc	ctgccttcca	gcctgggtga	cagaatgmga	ctctatcttt	araaacacaa	540
aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	settatgtta	60
aaaataaacc	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatag	gcacgtacca	ccacaccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagt	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgctmggc	240
ctcccaragt	gctgagatta	caggcgtgag	tcactgtgcc	cggcctcaaa	atsttargaa	300
aaggttcttt	tgggtgcatg	gagttttaca	tgggaataaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
------------	------------	------------	------------	------------	------------	----

gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	ggtcaaaggt	ctatcaggag	catgagaaga	ggtggttgag	180
tgtagcttt	aatttgatgg	atcctaaact	cttggttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300
gtgctgtgtt	aaattcagcc	cctcttccag	ataccatttg	gctttcggct	gtkcagatca	360
ctgtgtccac	tactatgatc	ttcgtaacac	taaacagcca	wcatgggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagttttt	gagtgggtt			458

<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 5206

atggtgtttt	cacctggaag	ctgagaagaa	aggggcttta	atggaacaaa	tagcacatca	60
agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaatgtgg	atccaagagg	120
gtgttttcgt	ttatttttcc	agaaagccaa	agcagaggaa	gaaggttatt	ttgaagcatt	180
caaaaaatgaa	cttgaagctt	tcaagtcaag	agtaagactt	tattctcaat	cacaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggg	gttggatcta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaaactcg	gtggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgcta	ttttgttaca	ggaaagggag	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	tttttgttcc	ggtttttgtg	540
gggngggg						548

<210> 5207

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5207

aaaacataat	ttctgtttca	tggagatgaa	tacaaggctg	caagtggaac	atcctgtttac	60
tgagatgatc	acagggaactg	acttggtgga	gtggcagctt	agaattgcag	caggagagaa	120
gattcctttg	agccaggaag	aaataactct	gcagggccat	gccttcgaag	ctagaatata	180
tgagaagat	cctagcaata	acttcatgcc	tgtggcaggc	ccattagtgc	acctctctac	240
tctcagagca	gacctttcca	ccaggattga	aactggagta	cggcaaggag	acgaagtttc	300
cgtgcattat	gaccccatga	ttgcgaagtg	ntcgtgtgg	gcagcagatc	gccaggcggc	360
attgacaaaa	ctgaggtaca	gccttcgtca	gtacaatatt	gttggactgc	mcaccaacat	420
tgacttctta	ctcaacctgt	ctggccaccc	agagtttgaa	gctkggaacg	tgcacactga	480
tttcatccct	caacaccaca	aacagttgtt	gctcagtcgg	aaggctgcag	caaagagtct	540
ttatgccagg	cagccctggg	tctcatcctc	aaggagaaag	ccatgaccga	cactttcact	600
cttcaggcac	atgatcaatt	ctctccattt	tctctagca	gtggaagaag	actgaatata	660
tcttatacca	gaaacatgac	tcttaaagat	ggtaaaaaaca	gttttctgtc	cctcggataa	720
tcaaccattt	ccatactcat	gtaattctagg	catactctgg	agttattaca	ggtttgggtc	780
cagaccacta	caataaaaatg	tagccatagc	tgtaacgtat	aacctatgatg	gggtcttatag	840
catgcagatt	gaagaaaact	ttccaagtcc	ttgggtaatc	tttacagccg	agggagactg	900

cacttacctg aaatgttccg ttaatgggag ttgc

934

<210> 5208

<211> 934

<212> DNA

<213> Homo sapiens

<400> 5208

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ggctgcttct	ggtggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggttagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	aacactgccc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtgggttag	300
tcttctgctt	gatagaaaag	caaagtgtga	acacagagct	aagactgggc	tcacaccayt	360
aatggaggct	gcctctgggtg	gatatgcgga	ggtggccgag	ttcttttgga	taaagatgct	420
gatgttaatg	ccctccagtt	cctcctcaag	agatacagct	ttaaccatag	cagcagataa	480
gkgcattaca	aattctgtga	gcttcttatt	ggcaggggag	ctcatattga	tgtacgtaac	540
aagaagggga	acactccatt	gtggctagca	gcaaagtgtg	gacacctcga	tgtgggttcag	600
ttactgggtg	aagcaggtgc	agatgtggat	gcagcagata	accgcaagat	aactcctctt	660
atggcagcat	ttagaaaggg	tcagtgtgaag	gtgggtgcgt	acttagtcaa	agaagtcaat	720
cagtttccat	cagattctga	atgtatgaga	tacatagcaa	ccatcactga	taaggagatg	780
ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaaaa	gttaagggaa	900
gaaagtcgga	ggctggcttt	ggctgcgaaa	agag			934

<210> 5209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5209

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caagcgcttc	cttgccgaga	ggctggagct	gcggcaccgc	aggcctgagc	caccccttct	120
ctgctgtctc	cttctcttcc	tcagggtccc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	ttttcttatt	caagttcaaa	240
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<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

<400> 5210

ccccttctct	ctgtctctgg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	cccggtgggc	tgggacttcc	gtctgaattt	120
taaatactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatgtt	ttcactgctt	180
tagtttctct	tttgctgggtg	ggaggggata	cggtctgtga	ctctggactt	gctctggggg	240
aacagttgtc	actgcccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagccctt	cgagagggat	ccttggctgc	ttcattgtct	tccccccagc	aagccctgct	360
ctccacaggc	acctctgggg	tcttgggtatg	gtccccgctc	acctccttcc	agagtcctga	420
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gccccgtgtc	ctggcagact	cagctgggtg	gctgggggtg	taaccccagt	cctggcgtag	540
gtttacagac	tctcaaggta	cgttggccct	ggtctcctgg	gagagagggg	tgagggatgt	600
cccctaccaa	agcacaaggt	gggatcaggc	tgctcctctg	gttgggtgtc	gggggagctg	660
tccggcagcc	tggcagggag	atgcaagggc	taaagtaaaa	ttttgtcaag	t	711

<210> 5211
 <211> 839
 <212> DNA
 <213> Homo sapiens

<400> 5211
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 tggccatggg cccggtcacg aacaaaacgg gcctggacgc ctgccccctg gccgcagata 120
 ccttctact accagggggt gtactcccg cccatttat gaactcctct taagaagacg 180
 acggcttcag gcccggttaa ctctggcacc ccggatcgag gayaagtgag agagcaagtg 240
 ggggtcgaga ctttggggag acggtgttgc agagacgcaa gggagaagaa atccataaca 300
 cccccacccc aacaccccca agacagcagt cttccttcac ccgctgcagc ygttccgtcc 360
 caaacagagg gccacacaga taccacacgt tctatataag gaggaaaacg ggaaagaata 420
 taaagttaaa aaaaagcctc cgggttccac tactgtgtag actcctgctt cttcaagcac 480
 ctgcagattc tgattttttt gttgttgttg ttctctcca ttgctgttgt tgcagggaag 540
 tcttacttaa aaaaaaaaaa aaattttgtg agtgactcgg tgtaaaacca tgtagtttta 600
 acagaaccag aggggtgtac tattgtttta aaacaggaaa aaaaataatg taagggtctg 660
 ttgtaaatga ccaagaaaaa gaaaaaaaaa gcattcccaa tcttgacacg gtgaaatcca 720
 ggtctcgggt ccgattaatt tatggtttct gcgtgcttta tttatggctt ataatgtgt 780
 attctggctg caagggccag agttccacaa atctatatta aagtgttata cccggtttt 839

<210> 5212
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (603)
 <223> n = A,T,C or G

<400> 5212
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 ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt 120
 gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacatttatct 180
 gaccaatagt acacacacag acacaaagtt taactggtag ttgaaacata cagtatatgt 240
 taacgaaata accaagactc gaaatgagat tattttggta cacccttctt tttagtgtct 300
 tatcagtggg ctgattcatt ttctacnttn aancagnggg ttttctgacc angaatatgg 360
 ctnggatttt ttngaaagta caaaangcca catagttttt ccagaaagggt ttcaaaactc 420
 ccaaagatta acttccaact tataagtttg tttttatttt caatctatga cttgactggg 480
 tattaaagcc gctatttgga tagtaattaa atatgggtgg cattgatata aaccngtttg 540
 gggtcagcaa accaacctaa atggatggcn aagaccngng gtttaatttt cccggtgggg 600
 gtg 603

<210> 5213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5213
 ccaaggcgca gcccgattct gccccctacg attggttcgg ggacttctcc tcttccgtg 60
 ccctcctaga gccggagctg cggccccagg accgtatcct tgtgctakgt tgccgggaaca 120
 gtgccctgag ctacgagctg ttctcggag gcttccctaa tgtgaccagt gtggactact 180
 catcagtcgt ggtggctgcc atgcaggctc gctatgcccc tgtgccgcag ctgcgctggg 240
 agaccattga tgtgcggaag ctggacttcc ccagtgttcc ttttgatgtg gtgctcgaga 300

<210> 5214
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 5214
 gagaagctga ccttgacact gacggtgctc ctgggtgtgc tgcaggggca acagcagagc 60
 ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc 120
 atgaaaaccc tgggagtcca gcgccccaag ttggagaaga aggatgccaa ggagatcccc 180
 agtgccaccc agagccccat cagtaagaag cggaagaaaa agggattctt gccagagacg 240
 aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca 300
 gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaaggct 360
 aaggtcccag cccaggcaaa cgggacgcca accaccaaga gtccagcccc tggcgccccc 420
 acccgagacc ccagcacccc tgccaaatcc ccaaaactgc agaagaaaaa ccagaagccg 480
 tcccaggtga at 492

<210> 5215
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<400> 5215
 gcaaggcgcc gggggacacg ttggctgctt tttcggcgga ctggccgggt acaaaaatgg 60
 ctgtggctag cgatttctac ctgcgctact acgtagggca caagggaag tttgggcacg 120
 agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaac aacagcaatt 180
 acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgtg atggaagaac 240
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 ctgatagggt tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac 360
 cacatcaaaa ataggttctc ttattgatgt aaatcagtca aaggatcctg aaggccttcg 420
 agtatcttac tatttggtac aagacttgaa atgtttagtt ttcagtctta ttggattaca 480
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 aaaaaatttg tatgtaaact gaaaataaga aaatacatta gcaagcttaa tggttatcct 660
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 accttttggt aaaaatttgc tctaataaaa cataccaaat cctggttgca gtagtatttt 780
 ttgttttttc caggaggcta tgtctctaatt tcactttaga gataataaga aattgttctg 840
 gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc 900
 atgaaaggca agtgtagatt gtcccttatt tccttcatac atgattggat ttaatttttg 960
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<210> 5216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5216
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 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttgaggga 180
 ataattggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
 ataattaggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagtgt 300

<210> 5217
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1544)
 <223> n = A,T,C or G

<400> 5217
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 cttgacgcgc cagctggtac aggacgagaa cgtgcgcggg gtgatcacca tgaacgagga 120
 gtacgagacg aggttcctgt gcaactcttc acaggagtgg aagagactag gaggcgagca 180
 gckgcrscgw srgcacagta gacatgactg ggatccccac cttggacaac ctccagaagg 240
 gagtccaatt tgctctcaag taccagtcgc tgggccagtg tgtttacgtg cattgtaagg 300
 ctgggcgctc caggagtncc actatggtgg cagcatacct gattcagggtg cacaaatgga 360
 gtccagagga ggctgtaaga gccatcgcca agatccgggtc atacatccac atcaggcctg 420
 gccagctgga tgttcttaaa gagttccaca agcagattac tgcacgggca acaaggatg 480
 ggacttttgt catttcaaag acatgatgta tggggattag aaagaactca agacactcct 540
 gcttgataca gaacaaaaag agcttaacag gaccaacang gcttaagccc agacttgacg 600
 taacagaaat gtgccaatag gtaataggta atttttcttt ctctgacttg ttttgttttc 660
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 gatacaggac agggatgggg ctatcatctt ttcttgaata gggctaaaga agtattttta 780
 caaaaatcta ttatgtacct aatattgtgc ctaataatat ttagcaccac aactcaaaaa 840
 acatttagca cttgaaaaaa ggagactcac ctctggctct ttgccactgt cagaatctga 900
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 caggactgct gcagactgag ccagtgtgat gtacgtaatg agttcccttg agggaatgaa 1020
 acacccccct cacccttcca agtcacccc tttggaattc aacacagaca cacatatccc 1080
 ttcaaaaact tttatttgta tcaacagttc ctagctcttg acttagctta gagcttttaa 1140
 aagagcagac acctatata tttgagattg aaaaagtttc tgctattaat cagaaataat 1200
 catttctatt ttctggctta ccccttggaa taagccaaaa ataaaacca agttacattt 1260
 cctgacagat ggctaagaaa acaatagaag gaacatcctg aattctagag ttgactcttg 1320
 ctggtgaagt acaccttcag gcttaggtcc attctcctaa gtaaagcctg aaggaaaact 1380
 cttaacacct aattctttgt gggaaaaatg atcaactagg ccatttcaca ggctwtagaa 1440
 cmaaagtacm attgggcata ttcccytatg tckkgggatc aggggwgctt acatttaaca 1500
 ttgatcaggt aaagaggaga ggctgtgcta aggtctgaga aaag 1544

<210> 5218
 <211> 948
 <212> DNA
 <213> Homo sapiens

<400> 5218
 ggctagcgat ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt 60
 tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaaatg aagaactgaa 180
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240
 tagggtttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300
 atcaaaaata ggttctctta ttgatgtaaa tcagtc aaag gatcctgaag gccttcgagt 360
 attttactat ttgggtacaag acttgaaatg tttagttttc agtcttattg gattacactt 420
 caagattaaa ccaattttaa ttgtatgttt tcaggctgtt tgtatattta attagggtat 480
 gggagggggtt atttgtcatt tacagtattg ggggtttttat gaatgtgaag caaacaaaaa 540
 aaatttgtat gtaaaactgaa aataagaaaa tacatttagca agcttaaatg ttatccttac 600
 ttgagtcac atgggttgga cagtccccac acacattaaa ttctgtaaat gaaagccacc 660
 ttttgttaaa aatttgcctc aataaaacat accaaatcct ggttgcagag tagttttttg 720

ttttttccag	gaggctatgt	ctctaattca	ctttagagat	aataagaaat	tggtctggta	780
gatatatcct	gtgacagaag	atacttttagg	tggaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttatttcc	ttcatacatg	attggattta	atthttggggg	900
gcttatacaa	ggtctagttt	ttttttacag	ttatgacaaa	cccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatag	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	accaggagtg	240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctgggcca	cagagcaaga	300

<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 5220

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcgggtcaa	gtcgtgcgcg	tccgagcgtc	tgatccgtac	120
ctcgtctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgctgtgagga	ckagcgtttc	cgcttgcgtc	tgaggatgct	300
ggagaagcgg	cagatggacc	gagcggacac	aaggggtgagc	ttcagacaga	caagatgatg	360
agggcagctg	ccaaggatgt	gcacaggctc	cgaggccaga	gctgtaagga	acccccagaa	420
gttcagtctt	tcagggagaa	gatggcattt	ttcacccggc	ctcggatgaa	tatcccagct	480
ctctctgcag	atgacgtcta	atcgccagaa	aagtatttcc	tttkttcay	tgaccaggct	540
gtgaacattg	actgtggcta	aagttattta	tgtggtgtta	tatgaaggta	ctgagtcaca	600
agtcctctag	tgctcttggt	ggtttgaaga	tgaaccgact	ttttagtttg	ggtcctactg	660
ttgttattaa	aaacagaaca	aaaacaaaac	acacacacac	acaaaaacag	aaacaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgtatatt	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttytsgtt	gtacagctcc	acctttttaga	ggtcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataag	acgtcccgcg	cttgtcacag	tacagctaata	ttttcctagt	960
taacaatttg	tcatattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccaccccggn	tcttcttgag	ctg				1043

<210> 5221

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 5221

atcgattaac	acttctaata	gtcaagtc	taggggtttt	tggttttggt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatggtgtc	atccwcstgc	gytttaaaaa	taagcacatg	120
atggctgggc	accgtggctc	acgcctgtaa	tcccagcact	ttgggaggct	gaggcgggtg	180
gwtcacctga	ggtcgggagt	ttgagaccag	cctggccaac	atggtgaaac	cccatcgcta	240
ctaaaawtat	aaaaaattag	ctgggcatgg	tggcgacgy	ctgtagtcc	agctactcag	300
gaggctgagg	caggagaatc	gcttgaaccc	gggagggtga	ggttgacagt	agctgagatc	360
gcaccattgc	actcccacct	gggcaacaaa	gagtgaacct	tggtctcaga	aacgaaacaa	420
aacacaaaaa	cctttctcag	tcccagcata	tgtggagcag	cctcattctt	catagctgtg	480
tgtcattcog	ttgcgtgatg	gggtcacaga	gcacagacct	ggtgcccttt	tcctttttta	540
tatgtggaaa	ccctccatg	ctttccaaag	cctacaagta	cagcagcccc	aagtttaggg	600
tgagcagcag	tggtcagagc	tctttactat	tacttttggt	caaacgcaag	ccaggctggc	660
aaccaccact	gcccgcgagg	ggagatacaa	gcaggccagt	ttcacactyt	gggackttta	720
gtttctttct	tacatctaga	aggtgggcct	ctkgttattc	canttttaaag	gcagcccaag	780
ggaantgttc	agnaaa					796

<210> 5222

<211> 328

<212> DNA

<213> Homo sapiens

<400> 5222

ataaggcagt	ctctcaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggtatgtga	accgtagtat	tcctgagcaa	aacgtggctt	180
tcacgccttt	gtaaaaattt	gcacctgttt	agaaactagc	ctataaaata	tcaccattgg	240
atgtagatat	ggagagaaaa	gaaatatggt	gggtttattg	cttagcgaaa	tattctcttt	300
ttatttaaat	aaaatgttct	tcattgtg				328

<210> 5223

<211> 302

<212> DNA

<213> Homo sapiens

<400> 5223

ggaagagctc	gtcttggagt	ccaagctttt	gccacttcaa	ttgcaccagc	tcaggaacc	60
atacaaccat	cttcaatkgc	atttttgata	gcacgaagtc	catctcttat	ggcatccttg	120
acttgtgtga	gagtcatgct	ttatttgggc	ctttaaccaa	caaggtaaca	gagcaagggg	180
taacacactc	ctcaataaaa	gtgaactttt	cttcacctaa	tgtataactc	tacacaagac	240
cagcatgtcc	caagcaatct	acagtgagat	cttcaaaaaga	attcacggcc	attccaccac	300
aa						302

<210> 5224

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5224

gcagtaactg	tgccgtgagg	ctcatagtgt	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgcccgctc	tgccccgcc	tcagtcoccc	cctccatccc	cgcctctgtc	120
ccctggcctt	ggcggtctat	tttgccacct	gccttgggtg	cccaggagtc	ccctactgct	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggctcatccc	castgcattc	tccccctgac	acagagaagg	ggccttggta	tttatattta	300
agaaatgaag	ataatattaa	taatgatgga	aggaagactg	ggttgcaggg	actgtggtct	360
ctccyggggc	ccgggacccg	cctggctctt	cagccatgct	gatgaccaca	ccccgtccag	420
gccagacacc	acccccccac	ccactgtcgt	ggtggcccca	gatctctgta	attttatgta	480

gagtttgagc tgaagccccg tatatttaat ttattttgtt aaacatgaaa gtgcatcctt 540
tccctccaaa a 551

<210> 5225
<211> 555
<212> DNA
<213> Homo sapiens

<400> 5225
gctctgtgac accctttttg tgatcttcag tgctgttttt atggttacac gactaggaat 60
ctatccattc tggattctga acacgaccct ctttgagagt tgggagataa tcgggcctta 120
tgcttcattg tggctctca atggcctgct gctgacccta cagcttctgc atgtcatctg 180
gtcctacctt attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240
aggaaggatk agwscwgr mtgtssactc tttsmkcasc tcmkwsswwk wwkmtrtgmc 300
cgcgggasct gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
cagcaatggg gccaatcggg tgaatgggca catgggaggc agctactggg ctgaagagta 480
aggtgggtgc tatagggact tcagcacaca tggactttgt agggccactg gcaaacaata 540
ctcctcttgg gccct 555

<210> 5226
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 5226
attcaagatg agatttgggt ggggacacag ccaaacccta tcggttgcca acatttacag 60
taacagtgtt aggtgaacag ttgtccagtc tctgtttttg tcgggacactg tttctagcac 120
cttccaggca gaattctcatg tatccttcac tttcgaaaws ggwacgagka tttcatcccc 180
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagttcctgg ccaaggctcag 240
ctagcaggct ctagaggcct cgttctcctt agaggcaagc cttgccaggg cccaggcttg 300
gcaggctgca gggcagggtgc gggcatgcca tggtagagggt gggaccattg aggtcagag 360
agggtaagtg atgancctg gnacacagcg ggggtgggtcc agagtccggc ctgcatcttc 420
tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttccacca 480
aggggggaat gttgccta 498

<210> 5227
<211> 537
<212> DNA
<213> Homo sapiens

<400> 5227
ggatgggtgc cctggagcca ggcaaggcag gagggcccg aaacttgggtg ggggagataa 60
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grrcsagtgg 120
asgakkycr staysasmkg gcgmttgaga ckgaacatt aattctgaag aagaagaaac 180
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
atgcttctgt cgttagccgg gtgcagtgtc gtgtgtatct agttccagct acttgagagg 300
ctgaggcagg aggattgctt gagtccagaa agtggcagtt gcagtgagtg gagatcgtgc 360
cactgctcwc cagcctgggt ggcagarcga gacctgtct caaaaaata acaaaaacaa 420
aatgcttctg tcagttaaca atctttatta gaggggtttt agtctttctt tctcagctgt 480
atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5228
 ggggcctgag gtgccagggt tcacagacag ggtttccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaaa 120
 cttggaaggg tgcagcccac ttccagactc tcccctctcc cacccttcta ccctgtgaag 180
 ggaaatgagg gctttagtgt cctgggcagg gaggggcagg ttctgagggt gccaaaggcc 240
 cccactggat ggaacctgtt agctgctcct ctccgcagcc agaaatgctg ccggctgcac 300
 ccagaggagc agtgaggcag gacagatgga caggttcctc ctgcgctgta attccctgct 360
 ccctggagac tgggaaaagg ccgcagnacg ggggactggg cgggtggtggc tgggtggttta 420
 aagggtgaac tttctctgaa gctcctttcc cctttgctct tgggtccctgc ccngcaang 480
 caaacctgcc ccctctgcct cccagtgcac ccaatgacct cccttccctc tggggcggac 540
 ttcttgattg aagcacaact ccccgcaag gacccccaaag ccacaagggt ttggccataa 600
 tttggggcag ttccaagtc ctgtnggctt cggctaactn tggggganga agatttttng 660
 ggtcttgat ttcccttggg aaattgggtc cttgggcttg gaatntttc cctaaggggg 720
 ccctcttant tctt 735

<210> 5229
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 5229
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtgaac tggggtgagt gagttccaaa tggagggaac tgcattgtgca gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttggtggct ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcrotctg ggaggcygag 240
 gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaacct 300
 gtctctactn aaaatac 317

<210> 5230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5230
 ggccactccg cctcttccct cccttgcctc attcttctc tccctttttt ccttcttctc 60
 tcccctctc gcgcgccacg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120
 caggtagaac tttagacttc atagcaactga attaacctgc actgaaagct gtttacctgc 180
 atttgttcac ttttgttgaa agtgaccatg totcaagttc aagtgcaggt tcagaaccca 240
 tctgctgctc tctcaggag ccaaatactg aacaagaacc agtctcttct ctacagcct 300

<210> 5231

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5231
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatgtt gcctgaggga gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacccaaat acattgacta ttgatgact tgggttcaag 300

<210> 5232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5232
 ccggcggtc tggtgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60
 ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgct 120
 accaaggcgc agccgattct gcccctacg attgggtcgg ggacttctcc tccttccgtg 180
 ccctcctaga gccggagctg cggcccagg accgtatcct tgtgctakgt tgcgggaaca 240
 gtgccttgag ctacgagctg ttctcggag gcttccctaa tgtgaccagt gtggactact 300

<210> 5233
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (564)
 <223> n = A,T,C or G

<400> 5233
 gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgctgcgggg gcgctgagag 60
 gacacgagct ctatgccttt ccggctgctc atcccgcctg gcctcctgtg ygcgctgctg 120
 cctcagcacc atggtgcgcc aggtcccgac ggctccgcgc cagatcccgc ccactacagg 180
 gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcctttccc 240
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 actctaattg atgcactgga cacttgctg attttgggga atgtctcaga attccaaaga 360
 gtggttgaag tgctccagg acagcgtggg actttgatat tgatgtgaac gcctctgtgt 420
 ttgaaacaaa cattcgagtg gtagggagga ctccgtgtct gtccatctgc ttttccaaga 480
 aggctggggg gggagtaga ggctggatgg gcctgtttcc ggggcttttc cttgagaatt 540
 ggctnaggan ggcggcccga aaat 564

<210> 5234
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (596)
 <223> n = A,T,C or G

<400> 5234

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actcaaagac acgtacatgt tgtccagcac cgtctcctcc aaaatcttgc gggccattgc      60
cttaaaggaa ggttttcatt ttgaggaaac attaactggc tttaagtga tgggaaacag      120
agccaaacag ctaatagacc aggggaaaac tgttttatgt gcatttgaag aagctattgg      180
atacatgtgc tgcctttttg ttctggacaa agatggagtc agtgccgctg tcataagtgc      240
agagttggct agcttcctag caaccaagaa tttgtctttg tctcagcaac taaaggccat      300
ttatgtggag tatggctacc atattactaa agcttcctat tttatctgcc atgatcaaga      360
aaccattaag aaattatttg aaaacctcag aaactacgat ggaaaaaata attatccaaa      420
agcttgtggc aaatttgaaa tttctgccat tagggacctt acaactggct atgatgatag      480
ccaacctgat aaaaaaagct gttctttccc acttagttaa aaggcaggcc aaatggattc      540
accttcacct ttggctaata ggagggcgct ggcaccntgc ggcaccagt gggacn      596

```

<210> 5235

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5235

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gcttcgtgtg ctactgcgaa ggggaggaaa gcggggaggg ggaccgcggc ggcttcaacc      60
tctacgtgac cgacgccgag gagctttgga gcacctgctt cacgccggac agcctggcgg      120
ccctcgtggg taactgggag ggtctgggag ccgccacacc cctccttgca gtgcagatcg      180
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgccct      240
gtagctgtag tcctcccatg ggctagggct cttggggctg ggaggtttc gggtgcccc      300
agtggcctcg ggttccaggc agctcgtgac aagccccctg gctctctaga aagcccgttt      360
tggcctgagt gcggctgagg acatcacccc ccggttcagg gcagcctgtg agcagcaagc      420
tgtggctctg actctgcagg aggacagagc atccctgacg ctttcagggg ggccctcgga      480
ctggcctttg acctctccaa ggtaccaggc ccagaggcag cccccaggct gtgggcgctg      540
acactgggac tggcaaaacg cgtgtggagc ctggagcgkc gactkgcagc tgcagaagag      600
acagctgtca gcccaggaa gagcccccg cctgcagggc ttcagctctt cttaccagac      660
ccagatcccc agagaggttg ccctggacct nggagtcagg atgncggttt ccaggagaa      720
tcgttcacn aa      732

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<210> 5236

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 5236

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ctgaaacagg gtcgggatgc cgatgccggc ttggagttag agrkkmgwca ccgctgagag      60
cagctgcagt agctgagyag tggcagcaga gaggcagacg tgagctgagg gcgcagaggc      120
aggcagcatc tctgagggtc cccaaggagc atggctggga gccgtgaggt ggtggccatg      180
gactgcgaga tgggtggggc ggggcccacn gggagagtg gcctgggctc ttgcagcctc      240
gtgaacgtcc acggtgctgt gctgtacgac aagttcatcc ggcctgaggg agagatcacc      300
gattacagaa cccgggtcag cggggtcacc cctcagcaca tgggtggggc cacaccattt      360
gccgtggcca ggctagagat cctgcagctc ctgaaaggca agctgggtgg gggtcatgac      420
ctgaagcacg acttccaggc actgaaagag gacatgagcg gctacacaat ctacgacacg      480
tccactgaca ggctgttgtg gcgtgaggcc aagctggacc actgcaggcg tgtctcctgc      540

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gggtgctgag tgagcgctc ctgcacaaga gcatccagaa cagcctgctt ggacacagct 600
cggtggaaga tgcgagggca acgatggagc tctatcaaat ctcccagaga atccgagccc 660
gccgagggct gccccgcctg gctgtgtcag actgaagccc catccagccc gttccgcagg 720
gactagaggc tttcggcttt ttgggacagc aactaccttg cttttggaaa atacattttt 780
aatagtaaag tggctctata ttttctctac gccaaa 816

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<210> 5237

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 5237

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agacagagta ctgattggag gggatgaaac tccagagggc cagagagctg tgcaggccct 60
gtgtgctgta tatgagcact gggttcccag agaaaagatc ctcaccacta atacttggtc 120
ttcagagctt tccaaactgg cagcaaatgc ttttcttgcc cagagaataa gcagcattaa 180
ctccataagt gctctgtgtg aagcaacagg agctgatgta gaagaggtag caacagcgat 240
tggaatggac cagagaattg gaaacaagtt tctaaaagcc agtggtgggt ttggtgggag 300
ctgyttccaa aaggatgttc tgaatttggt ttatctctgt gaggctctga atttgccaga 360
agtagctcgt tattggcagc aggtcataga catgaatgac taccagagga ggaggtttgc 420
ttcccggatc atagatagtc tgtttaatac agtaactgat aagaagatag ctattktggg 480
atattgcattc aaaaaggaca ctggtgatac aagagaatct tctagtatat atattagcaa 540
atatttgatg gatgaaggtg cacatctaca tatatatgat ccaaaagtac ctaggggaac 600
aaatagtgtg gggatcttcc tcatccaggg tgtttcagag ggatgaccaa gtgtccccgg 660
cttcgtgacc atttccaagg atccatatgg aaggcatgtg atgggtgccc catgctgttg 720
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<210> 5238

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 5238

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agcarmmcag gaggccacag mcaagtacca agtgaccagg gatgccggga aactgtcga 180
agaacggaag gcagaggaca gaggctggac gttggcccag agcagagaga cgncacctg 240
ccccccacag aggctgggtg ttnagatgcc cacggttaag cacctgtggc ttgcattttt 300
aaacagttaa aaggaggccg ttgttttcag cgccttt 337

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<210> 5239

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
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 <223> n = A,T,C or G

<400> 5239

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tactaatttt	ccctgggata	tagatgaggc	tttaagacga	cgcttgaga	aacgaatcta	180
tatttcctttg	ccgtcagcaa	aaggcagggg	ggagctatta	cgaataagtc	tacgtgagtt	240
ggaattggct	gatgatgttg	accttgcaag	tatagcagaa	aacatggaag	gttattcagg	300
tgcgacatt	accaacgtgt	gcagggatgc	gtccttgatg	gcaatgagaa	ggcgcatgga	360
aggtttgact	ccagaggaaa	tccgaaatct	ttccaaagaa	gaaatgcaca	tgccataaac	420
tatgggagga	tttcgagatg	gctttaaaaa	aggtttctaa	gtncagtggt	cttgctggca	480
gacatttgaa	aggttacggg	gaatgggtat	tttgagtttg	ggtccttgct	aaatttntca	540
cctgtaaaact	gttgaggaat	gtgccttaag				570

<210> 5240
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5240

agccaatgtg	cttgcaagtg	tacagatctg	tgtagaggaa	tgtgtgtata	tttacctctt	60
cgtttgctca	aacatgagtg	ggtatttttt	tgtttggttt	ttttgttggt	gttggttttg	120
aggcgctct	cacctgttg	cccaggctgg	agtgcaatgg	cgcttctct	gctcactaca	180
gcacccgctt	cccaggttga	agtgattctc	ttgcctcagc	ctcccgagta	gctgggatta	240
caggtgccca	ccaccgcgcc	cagctaattt	tttaattttt	agtrgagaca	gggttttacc	300
atggtgacca	ggctggyctt	gaactcctga	ccctcaagtg	atctgcccac	cttggcctcc	360
ctaagtgtctg	ggattatags	cgtgagccac	catgctcagc	cattaaggta	ttttgttaag	420
aactttaagt	ttagggtaag	aagaatgaaa	atgatccaga	aaaatgcaag	caagtccaca	480
tggagatttg	gaggacactg	gttaaagaat	ttatttcttt	gtatagtata	ctatgttcat	540
ggtgcagata	ctacaacatt	gtggcatttt	agactcgttg	agtttcttgg	gcactcccaa	600
gggcggtggg	gtcataagga	gactataact	ctacagattg	tgaatatatt	tattttcaag	660
ttgcattctt	tgtcttttta	agcaatcaga	tttcaagaga	gctcaagctt	tcagaagtca	720
atgtgaaaat	tccttcctag	gctgtcccac	agtctttgct	gcccttagat	gaagccactt	780
gtttcaagat	gactactttg	gggttgggtt	ttcatctaaa	cacatttttc	cagtcttatt	840
agataaatta	gtccatatgg	ttgggttaatc	aagagccttc	tgggttttgt	ttgggtggcat	900
taaatgg						907

<210> 5241
 <211> 1184
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 5241

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tagggcccaa	tggagcaggg	aagtcaactc	ttctgaagct	gctaactgga	gagctactac	180
ccacagatgg	catgatccga	aaacactctc	atgtcaagat	agggcggttac	catcagcatt	240
tacaagagca	gctggactta	gatstmtcrc	ctttggagta	catgatgaag	tgctaccag	300
agataaagga	gaaggaagaa	atgaggaaga	tcattggggc	atacgggtctn	actgggaaac	360

aacaggtgag	cccaatccgg	aacttgtcag	acgggcagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccttgg	cagatgccat	caatgagttt	gaggggtggt	tgatgctggg	540
cagccatgac	ttcagactca	ttcagcaggt	tgacacaggaa	atttgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggtttacaa	ggagcacctc	aagtccaagc	660
tggtggattg	aggagcccca	gctcaccaag	agkaccacaa	acgtgtgagc	cytytacctg	720
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tctgtctctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtgtg	atgcagtcag	aggcacctgc	gggttagccc	1020
aggggggccc	aactgatttg	gcctgctggg	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtaccc	cccagccccc	cgccccgatt	cctttttgct	tctgggttgg	1140
agctccggac	caggaccttc	gtcctggtna	gttttttaaat	aatt		1184

<210> 5242

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (383)

<223> n = A,T,C or G

<400> 5242

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ctttgtattg	agagaagcca	aaatttttgt	cmggccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aacctcaca	tgatcatgta	agctatgcag	ttacccaagc	240
tgcatacttt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gcccactagc	tgtgttcaca	ttttcccttg	360
gncaccttac	caggggactt	tta				383

<210> 5243

<211> 1278

<212> DNA

<213> Homo sapiens

<400> 5243

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ccaccacacag	cgctggccac	agggctccct	gcagggtcag	ggaccagacc	acgccagag	120
gaggggaggg	actggccccc	gccacaggac	tggagacgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgccccttg	agcccgcgct	ctcggagggt	gtcttctgtc	240
gccaaggggc	ccggaccgag	tacacagtgg	cagctggcct	agttggtgga	cggcytgss	300
cactcgacgt	tgaggatgag	gtggtcgtag	ccaaagccgg	acaccccgcc	aatggcacgc	360
gcagsatcct	cgcgccgggtg	gaagctgatg	aaggcraagc	ccttggattg	gccagtgggc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsngaagag	ctcctgcagg	480
tcgggtctac	gcgtgtctct	tgacaagttg	gtgacacgga	tggtagcggt	gtcgtcgggt	540
ctgcggttgg	gtgcatgga	ctcccccgcc	cggttgcccc	cgtcgcgmag	gctcggcggm	600
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gtatccttgt	aggggcagcg	ggtgggtccag	tggtagccct	tgcatatgcg	gcaggacacg	780
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gggatccccct	tgaggagctc	gctggtgaca	catttgctgt	cctccccctc	ctcctccacc	1200
tggtcggccc	aactgggctt	cgaatyaaaag	tctccagtag	gcacgcgcaa	aagtattctc	1260
cacgcagccc	aagcccgg					1278

<210> 5244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5244

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cgctgctggg	attacaggtg	tgagccaccg	cgtgtggcct	ctgggcacct	tttgaagctg	120
aagcagagag	agaaggcggc	aggcatcagc	gttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttactatt	tcttctaccg	ctatctacta	cgaacttcaa	agaggaaacca	240
ggagtacgga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 5245

<211> 496

<212> DNA

<213> Homo sapiens

<400> 5245

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gkttttatttg	tcttattaat	atmagaaggc	aggaatgtca	ggcctctgag	cccaggccag	120
gccatcgcat	cccctgtgac	ttgcacgtat	acatccagat	ggcctgaagt	aactgaagat	180
ccacaaaaga	agtaaaaaca	gccttaactg	atgacattcc	amcattgtga	tttgttcctg	240
ccccacccta	actgatmaat	gtactttgtg	atctccccc	cccttaagaa	ggycttttgt	300
aattctcccc	acccttgaga	gtgtactttg	tgagatccac	acctgccac	cagagaacaa	360
accccytttg	actgtaattt	tccattacct	tccctaattc	tataaaacgg	ccccacccca	420
tctccctttg	ctgactctct	tttcggactc	agcccgctg	caccaggtg	aaataaacag	480
cctgtgtgct	cacaca					496

<210> 5246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5246

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ggacgaggtg	ccaggtgcct	ggcccatggt	gcagggggcc	gtggagccca	tgcagatcga	180
cgtggacccc	caggaagacc	cgcagaatgc	acctgacgtc	aactacgtgg	tggagaaccc	240
cagcctggat	ctggaacagt	acgcggccag	ctacagcggc	ctggccactg	ggtgccaccc	300

<210> 5247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5247

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acgggagctg	agcgtggagg	cctcatgggt	agtgaatgg	agagccatcc	tccctcgag	120
ggctcctggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgctccgg	ctcttggttc	180

tctgctgacg	gcttcttgag	gagacggccc	tccgtaaggg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 5248						
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gcggggctgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcgggtg	gagtcacatgg	120
tgaagagtct	ggaaagagmg	rwcmtscckm	wswyrcrgag	gtctcatgtt	ccgggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgcaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttggtcacca	gtgagctgga	gaagttccag	300
gaccgcctgg	ccgggtgcac	catgcattgc	aacgacaaag	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcagggt	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
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ggaaaataaa	agtatcttcc	agtggcc				507

<210> 5249
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<400> 5249						
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ataatatattg	gtgcagcaca	gagcatggta	acaagagact	ggatgctgct	tatcgttcca	480
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aacggttgca	tctgcataatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
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acaaaaaatc	cctctaggta	gtttagggtga	aaaatgtccc	ttttattttg	gctttgggtg	1140
tgatttcaga	gcataatgct	atgttttttt	gtcttttttac	tatgtttttc	ggatttttaa	1200
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atgcattttg	gaagagaaaa	atactgtaaa	acgtgtcgtg	aatgtttctt	cagtttcttg	1620
ttcagccaat	gaggaaaggg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
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<210> 5250

<211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 5250
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 acgggctgac ctccccgctg acagagccgg tgggtgtact ggaggggcac accaagcgag 180
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 agaagg 426

<210> 5251
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 5251
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 tattcccaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac 180
 cagcctggac aacatagtga gacccccatc tctaaataaa aatagaccaa cgctaaagcc 240
 tgtgtctccag agcctccagg mawttggatc agaagtcgca gctctggtgg gaggaaggcg 300
 agtcctcatg tgtgtccctg tgccactttg ccttgnccct ttgctgtcca tcctttttca 360
 gggcggtggac tccctggtgc tagaaagcgt gatgttcgcc atacttgccg acgggtccgc 420
 tggggcccca gcttgtacgg agtcctttcc agaaggcccg gcttgggaaca gtacatccca 480
 agtcnggcc a tttgaaaact tcaaagaagc ttcgagaagc cagtgttgtc agcagcca 538

<210> 5252
 <211> 1603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1603)
 <223> n = A,T,C or G

<400> 5252
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 saygayggac acaaacacgc cctgctatgc cctcttagaa gttacctaca agggcactca 180
 gtggtatgaa caaaccawag aagaattgat ggctcctacc cttcttccag aactocatct 240
 tttaaagcac gattaaagta aaaggcccaa gatactggga actgctcata gatttaagca 300

aaggaacaca	acacttgaag	tccatccttt	ccaaggatgg	ggttttatat	gttaaactcc	360
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ctgttgctaa	caggaactct	gaagcccggt	ctttcaagca	gaaacaatct	cagcattcac	480
ttctgatcca	gcacttctgt	catttgctga	atatttctgc	aagccaactg	tgaacatggg	540
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gaaatgagct	gcacaaacct	caatgtatct	taaatctgtt	gctgtcatca	ttaacgggat	1260
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